医学教学图谱

主编
陈金宝 刘强
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王振宇

人体系统解剖图谱

ATLAS OF HUMAN SYSTEMATIC ANATOMY



上海科学技术出版社

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ATLAS OF HUMAN
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人体局部解剖图谱

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内容提要

本书是为了适应我国高等医学教育改革和发展的需要，根据我国 5 年制高等医学院校学生的培养目标和临床需求而编写的教学图谱。全书采用汉英对照的形式，根据解剖学教学的要求，按照普通高等教育国家级规划教材《系统解剖学》的内容，从运动系统、内脏学、脉管系统、感觉器、神经系统、内分泌系统等对人体结构进行系统解剖，充分显示了人体的正常结构。

本图谱采取人工绘制和标本拍摄相结合的方式，人工绘制的图像色泽艳丽、结构清晰、边界明确、形态典型；标本拍摄的图像更直观、更真实、更实用。两者结合使用相互补充，相互对照，可为医学生、临床医生及解剖工作者更好地了解和掌握正常人体结构提供参考与指导。

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主编简介

陈金宝



1944年生，山东单县人，1963年考入中国医科大学医疗系学习，1969年毕业。1994年晋升为教授，2000年获得国务院特殊津贴。一直在中国医科大学从事医学图像制作和医学图像处理的研究及资源库建设等工作。

发表论文及出版

在国家级杂志发表的论文、编写出版的教材及专著共140余篇（部）。其中主编专著《医学摄影》，副主编《断面解剖与MRI CT ECT对照图谱》，策划并参加主编的医学彩色图谱《人体解剖学彩色图谱》《组织胚胎学彩色图谱》《寄生虫学彩色图谱》《病理解剖学彩色图谱》《实验诊断学彩色图谱》，策划并参加总主编系列教材54种。担任“实用人体解剖图谱”系列中头颈分册、概论与断面分册、躯干内脏分册、四肢分册的主编。

承担课题

国家“九五”重点攻关课题“人体解剖学课件”“组织胚胎学课件”2项，国家新世纪网络建设工程课题“人体解剖学网络课程”“组织胚胎学网络课程”2项，教育部重大研究课题子课题1项，“药理学”国家级优秀网络课程1项，辽宁省科委课题1项，辽宁省教育厅课题1项。

获得奖励

卫生部奖6项，教育部奖1项，美国医学电教学会（HESCA）奖1项。

辽宁省科技进步一等奖“现代医学教育资源库”1项，辽宁省优秀教学成果一等奖1项，辽宁省优秀教学成果二等奖2项，辽宁省优秀教学成果三等奖1项，辽宁省优秀课件一等奖1项，沈阳市科技进步三等奖1项。

曾任职务

中国医科大学教育技术中心主任，网络教育学院常务副院长。卫生部继续医学教育和乡村医生教育的视听教育专家，中华医学会教育技术分会委员、常务委员、副主任委员、主任委员、名誉主任委员，教育部高等医药院校现代教育技术与计算机教学指导委员会委员，中国电化教育协会理事、医学委员会主任委员，辽宁省高等院校电化教育研究会副理事长等职。

主编简介

刘　强



1975年生，辽宁省丹东市人，1994年考入中国医科大学日语临床医学专业学习，2000年毕业，硕士学位。一直从事医学教育管理、教育技术研究、教学资源库建设等工作。

担任职务

中国医科大学网络教育学院院长，教育技术中心主任；中华医学会教育技术分会第七届委员会委员，虚拟仿真应用研究专业学组副组长；辽宁省医学会医学教育学分会第五届委员会教育技术与应用学组委员。

获得奖励

制作的《药理学》《护理学基础》课程获得国家级精品资源共享课程（网络教育），制作的《生活方式与健康》课程获得国家级精品视频公开课程，制作十余门辽宁省精品视频公开课和精品资源共享课等。

编写教材及专著

参与编写“成人高等教育基础医学教材”“成人高等教育护理学专用教材”“成人高等教育药学专用教材”，由上海科学技术出版社出版。担任“实用人体解剖图谱”系列中头颈分册、概论与断面分册、躯干内脏分册、四肢分册的副主编。

承担课题

2008年教育部课题：继续教育改革和发展战略与政策研究行业继续教育子课题“乡村医生继续教育现状改革和发展研究”；2011年辽宁省课题：中国医科大学临床医学本科综合改革试点专业建设立项子课题“优质教学资源建设与共享项目”。

前 言

人体解剖学是研究人体正常形态结构的科学，其任务在于理解和掌握人体各器官的形态与结构、位置和毗邻关系，为学习其他基础医学和临床医学课程奠定基础。人体解剖图谱是医学院校解剖学教学的重要辅助工具书，也是每个医学生学习和掌握人体正常形态结构必备的工具书。

本书的编纂参照本科系统解剖学教学大纲，与教材内容相配套。为了充分体现实用性原则，以系统解剖学内容展示人体器官的形态结构为主，并适当展示各器官局部的层次和毗邻关系。采取了系统解剖、局部解剖、影像解剖相结合的形式，充分展示人体的正常结构。系统解剖部分重点是展示骨骼、肌肉、血管和神经的有关内容。局部解剖部分按照内容的需要，进行逐层解剖，充分显示浅组织、筋膜、肌肉、骨骼、血管、神经的相互位置关系。此外，还采用了断面解剖和临床的一些影像，从不同侧面展示了人体的正常结构。

本图谱内容按总论、运动系统（骨学、关节学、肌学）、内脏学（消化系统、呼吸系统、泌尿系统、生殖系统、腹膜）、脉管系统（心血管系统、淋巴系统）、感觉器（视器、前庭蜗器）、神经系统与内分泌系统（神经系统总论、中枢神经系统、周围神经系统、神经系统传导通路、脑和脊髓的被膜、血管及脑脊液循环、内分泌系统）等编排。

在表现形式上，我们采取人工绘制和标本拍摄相结合的方式。人工绘制的图像色泽艳丽、结构清晰、边界明确、形态典型。标本拍摄的图像更直观、更真实、更实用。两者结合使用相互补充、相互对照，为读者掌握正常人体结构提供了方便。

在图谱的编绘过程中，参阅了国内外出版的图谱和专著。在此，对出版社和作者表示衷心的感谢。

由于作者的水平限制，本图谱难免存在不当或错误，敬请学界专家和读者给予批评指正。

陈金宝

2015 年 8 月

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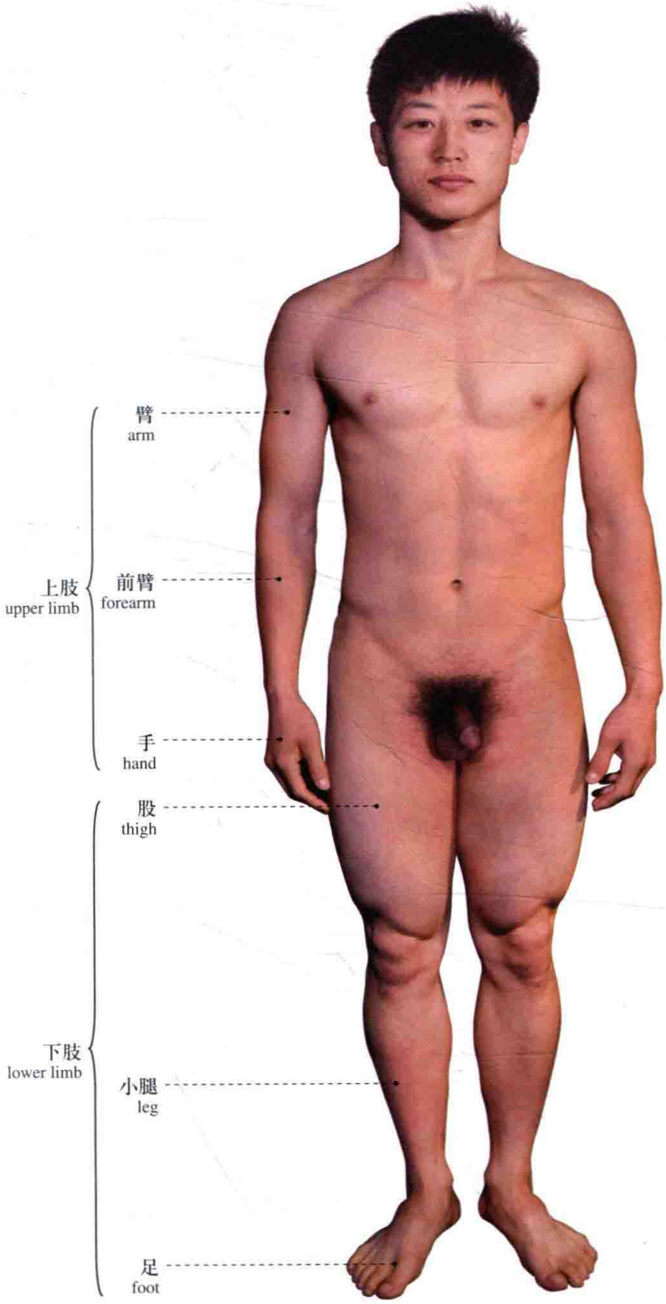


图 1　男性全身体表（前面观）

Surface of the male body (anterior aspect)

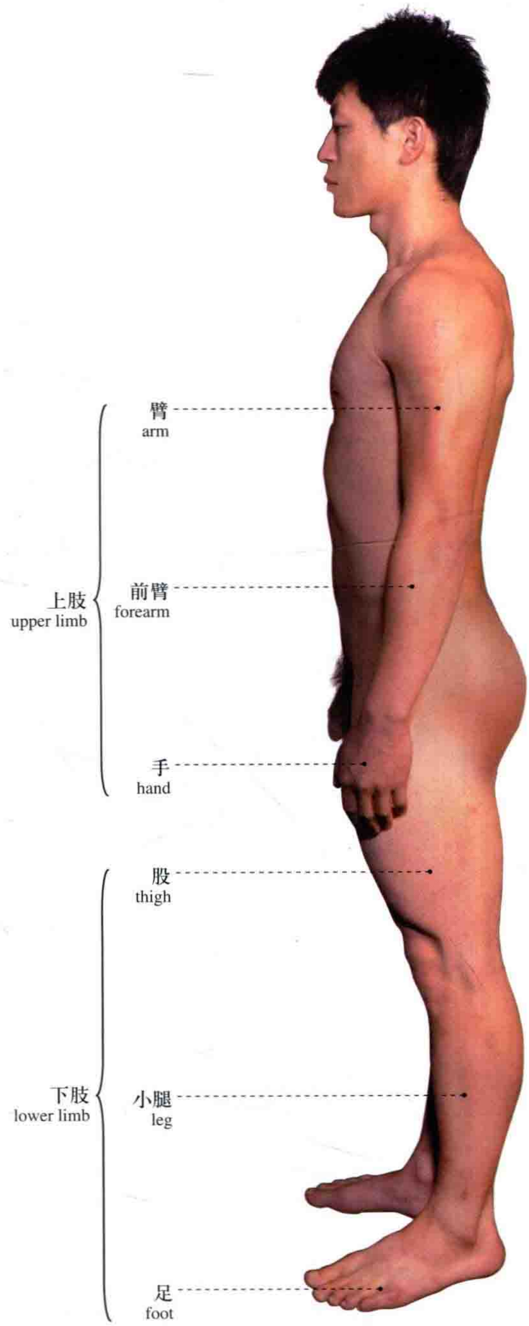


图 2　男性全身体表（侧面观）

Surface of the male body (lateral aspect)

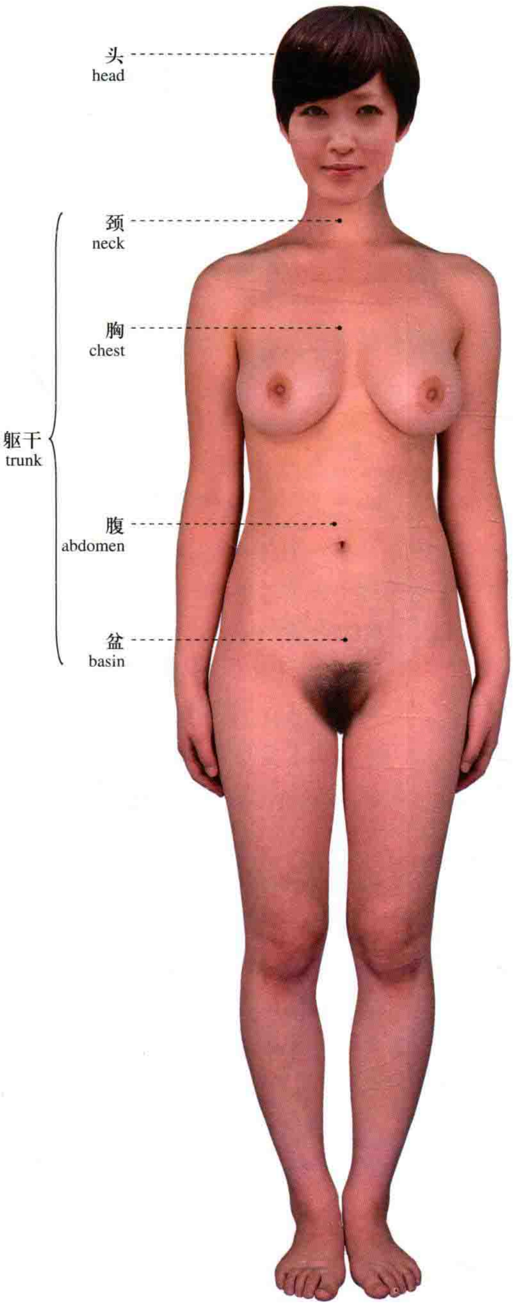


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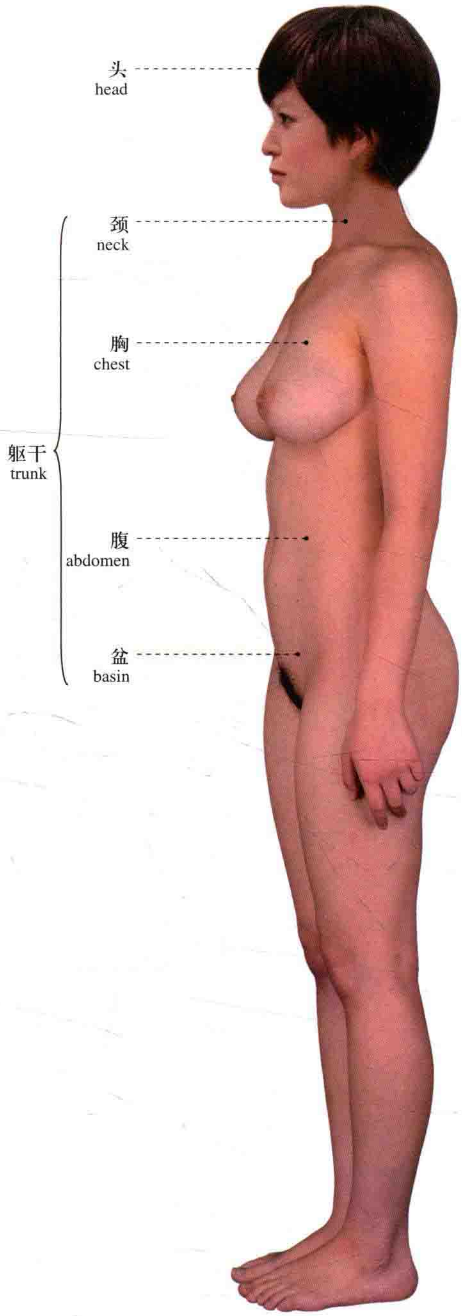


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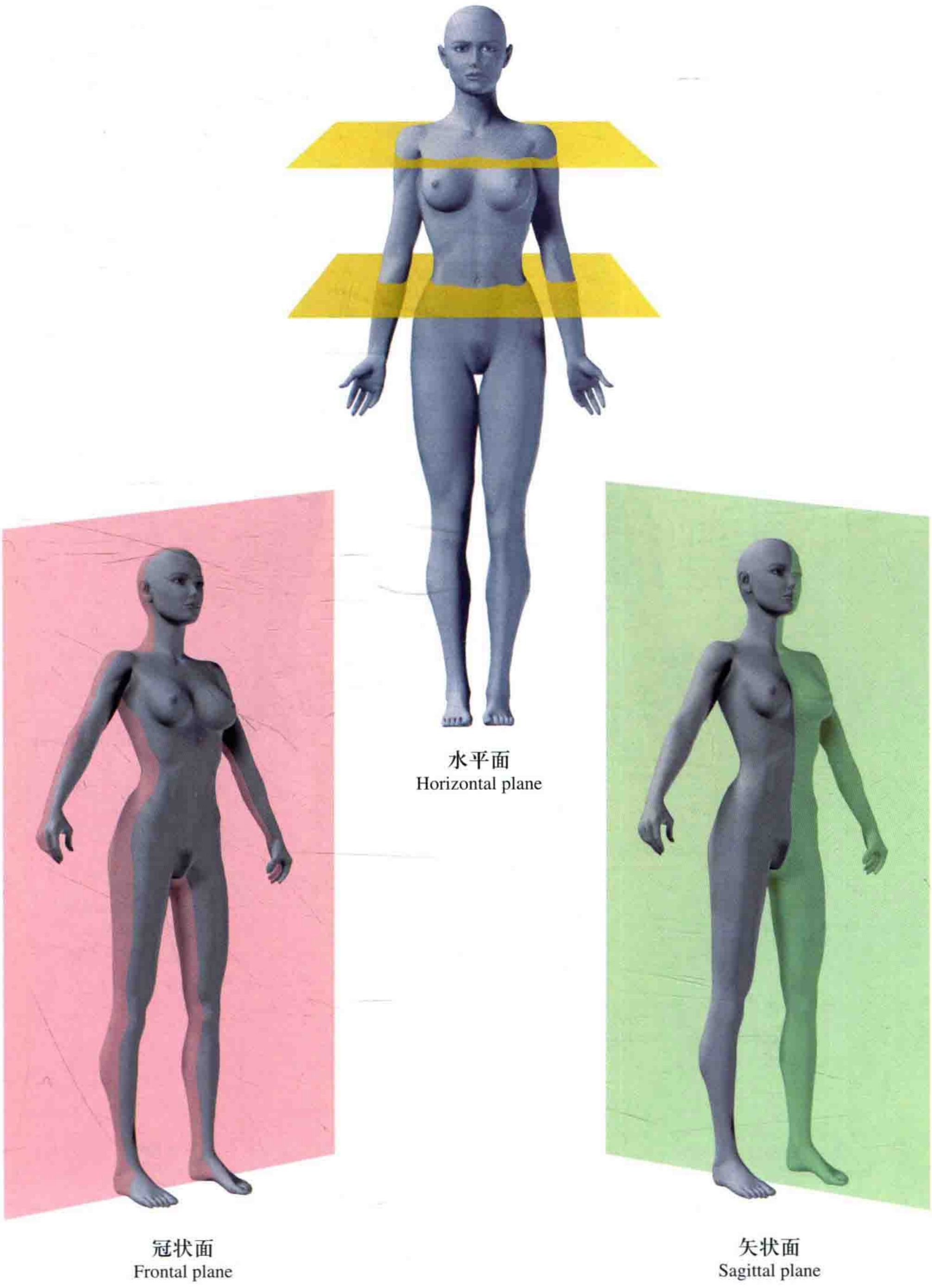


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第一节

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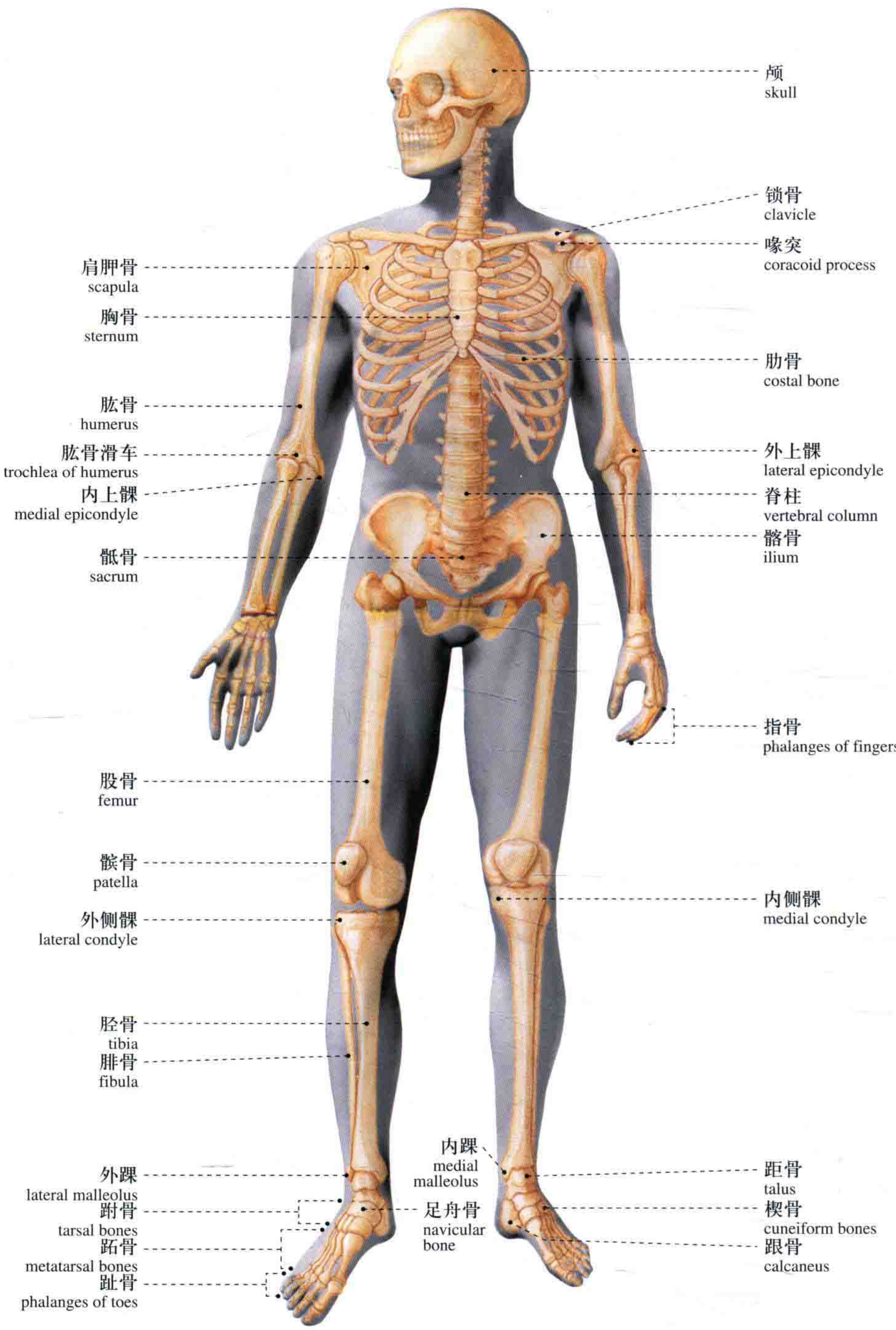


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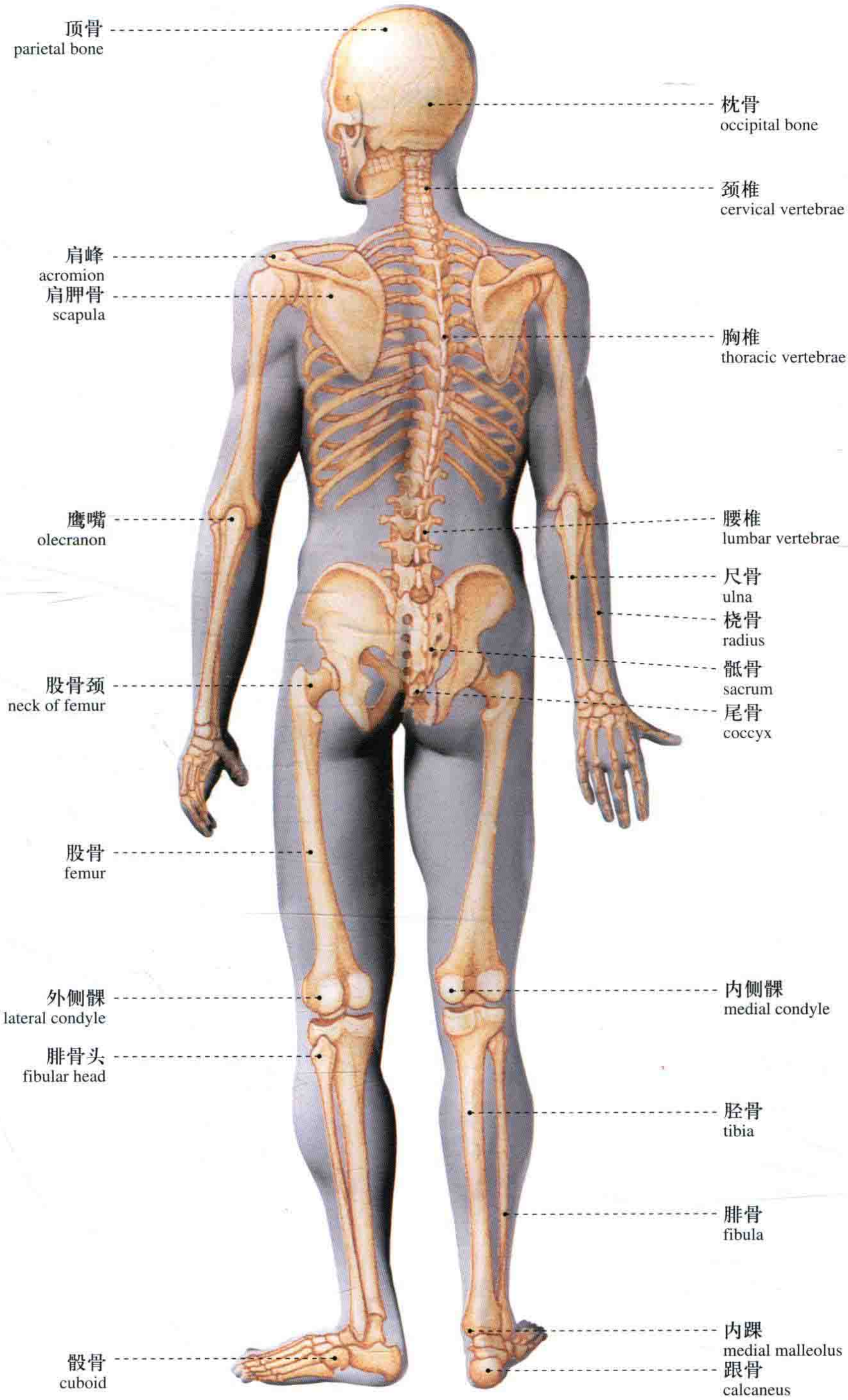


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第二节

骨的构造

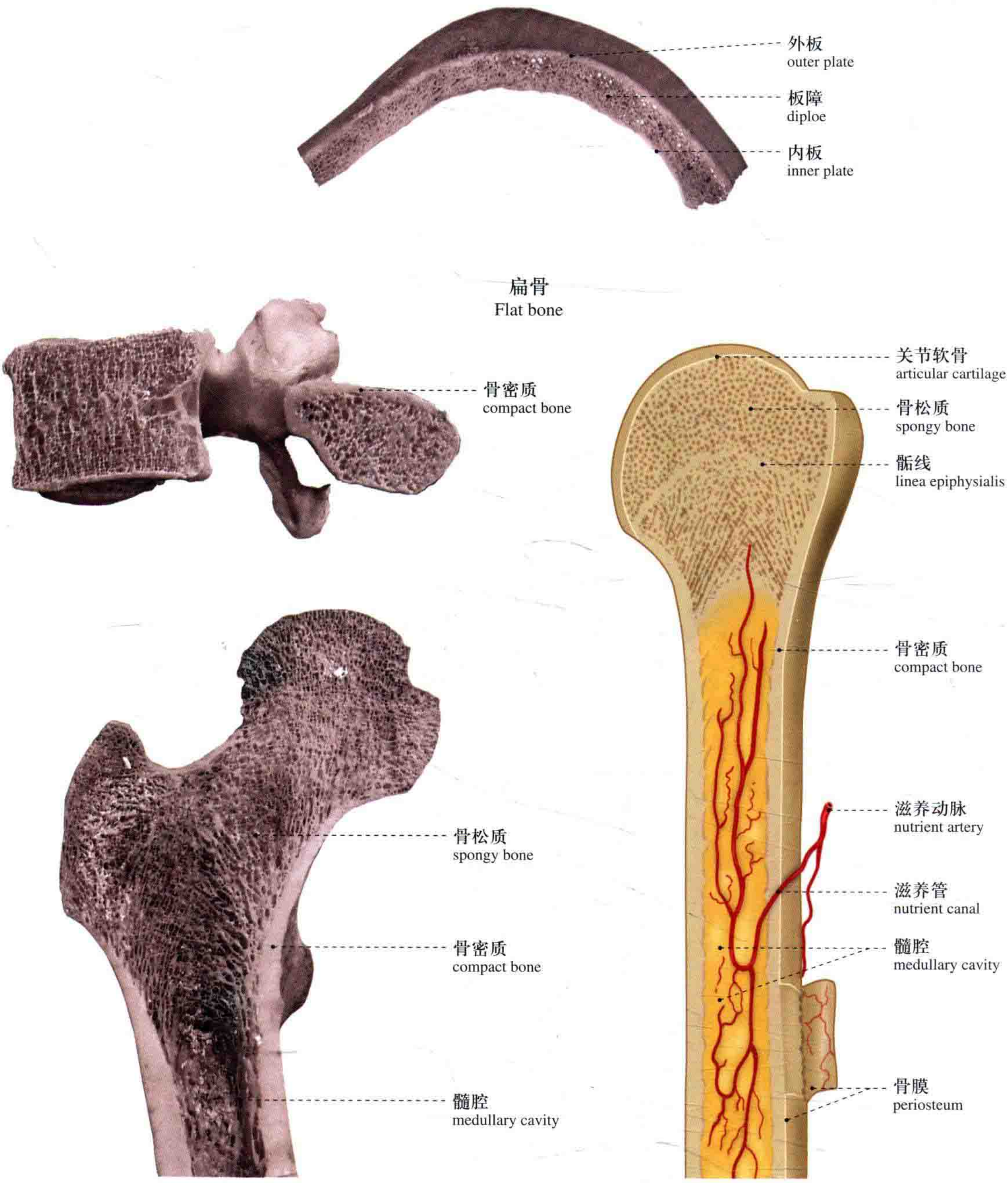


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Structure of the bones

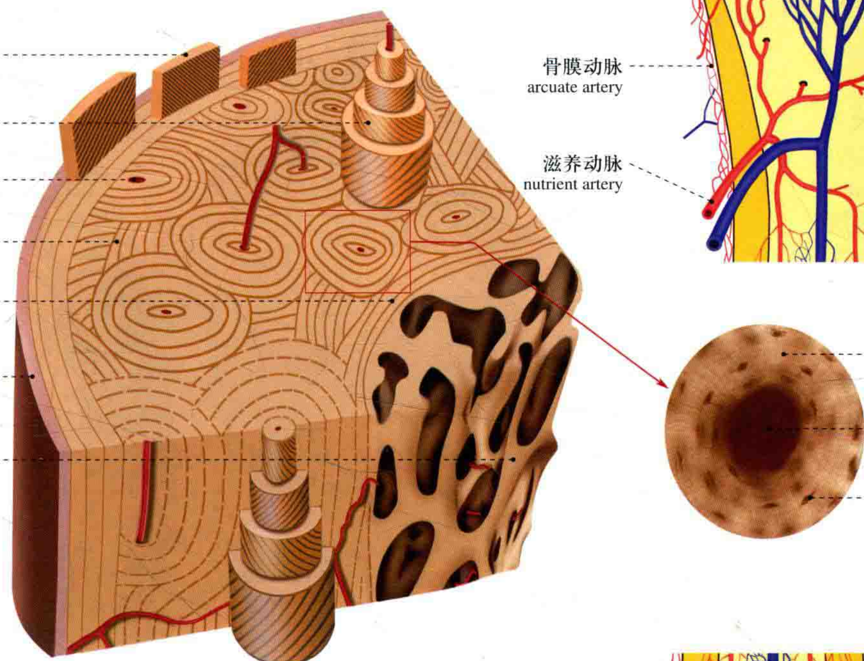


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Diaphyseal structure of long bone

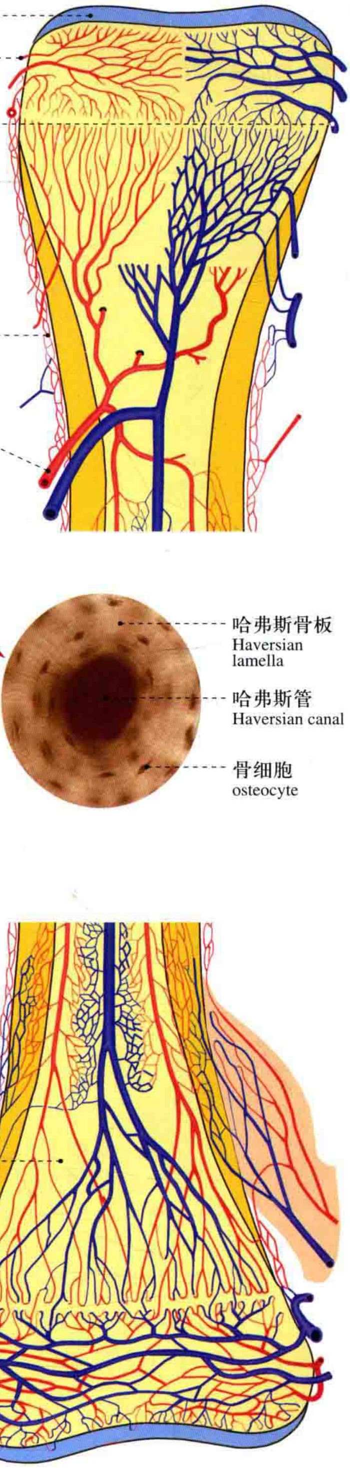


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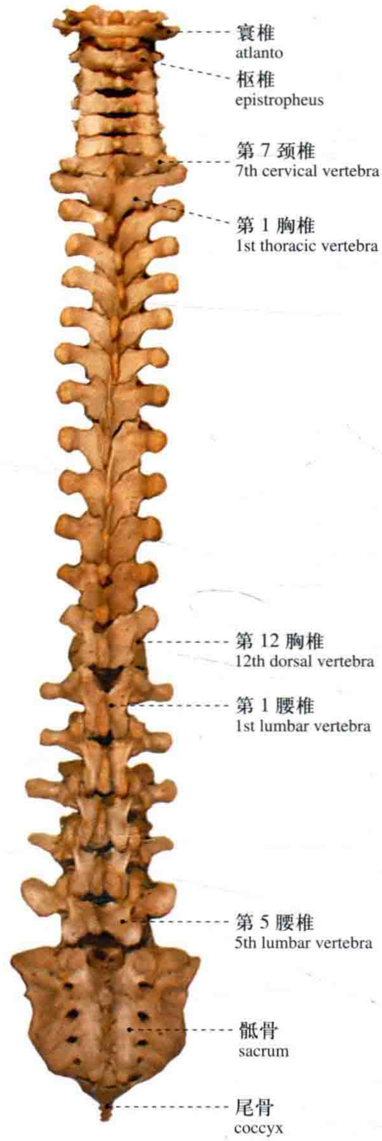


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Atlas (superior aspect)

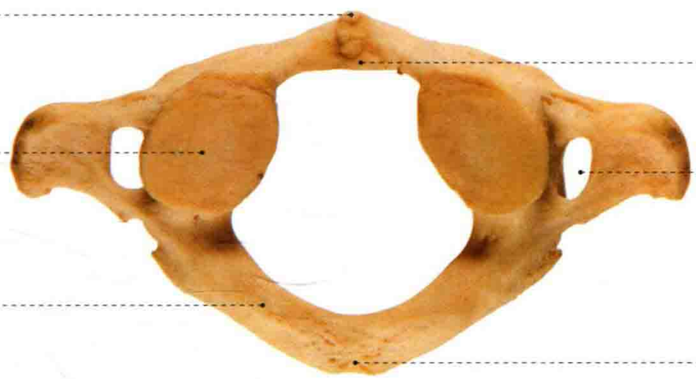


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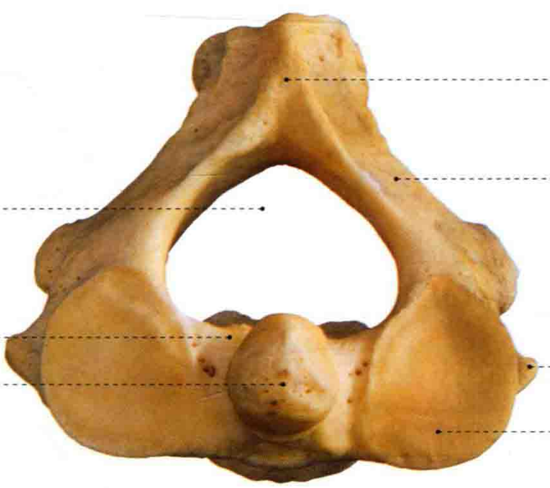


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Axis (superior aspect)

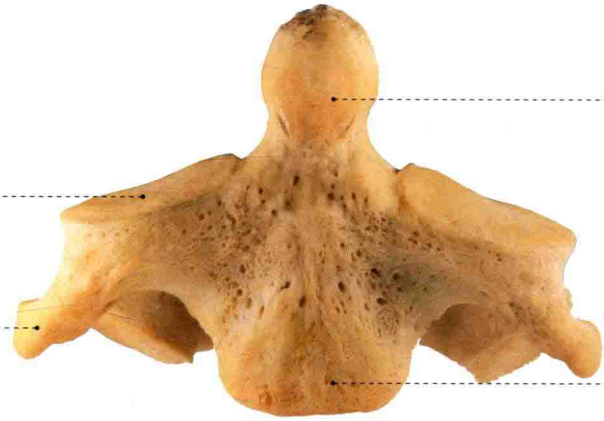


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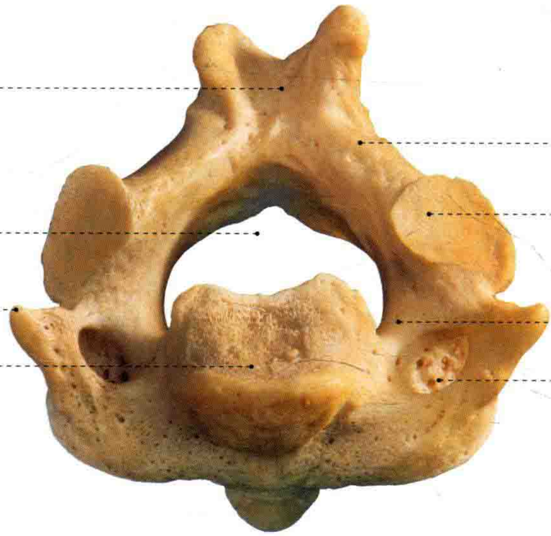


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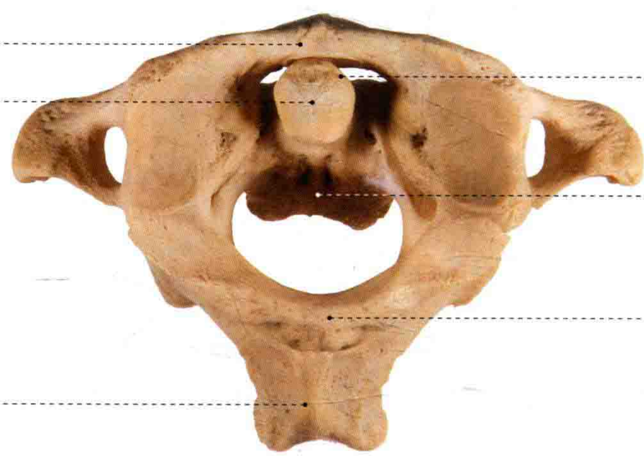


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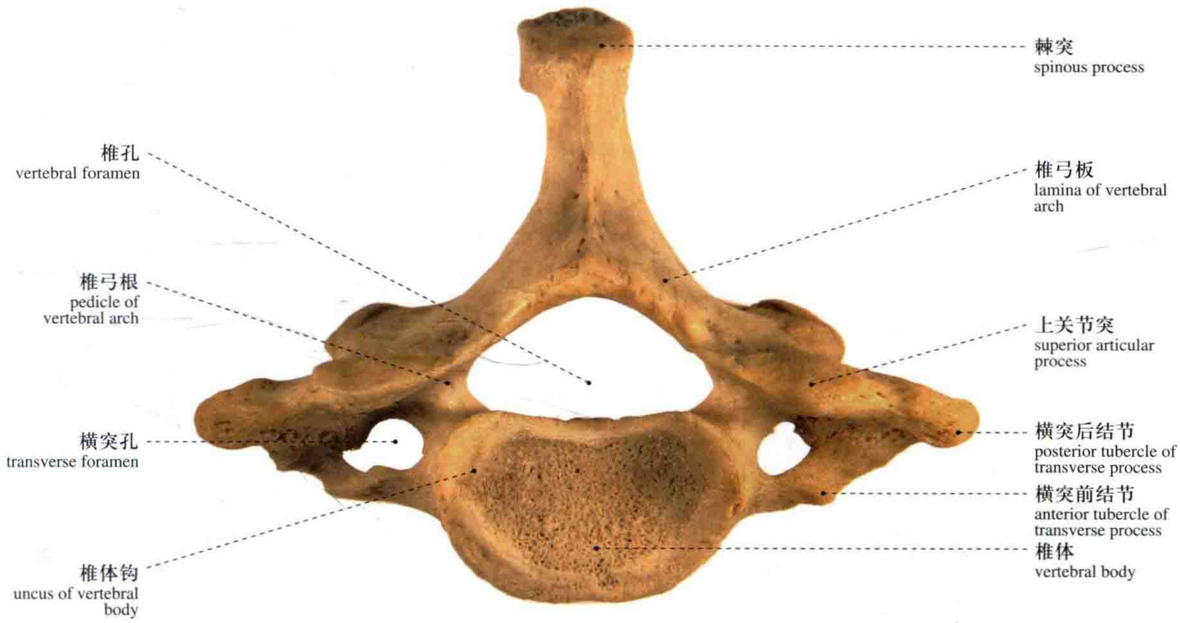


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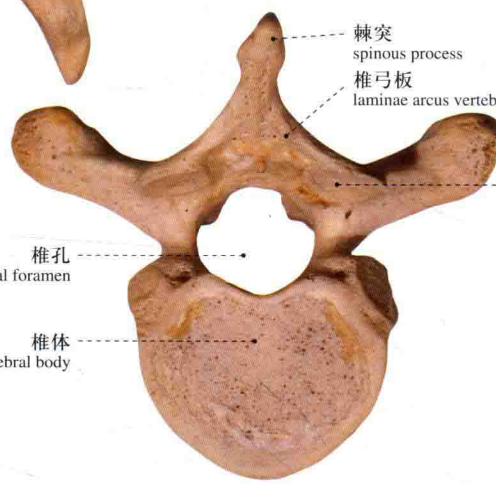


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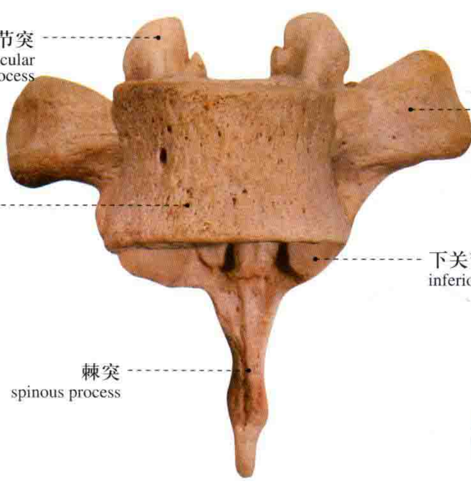


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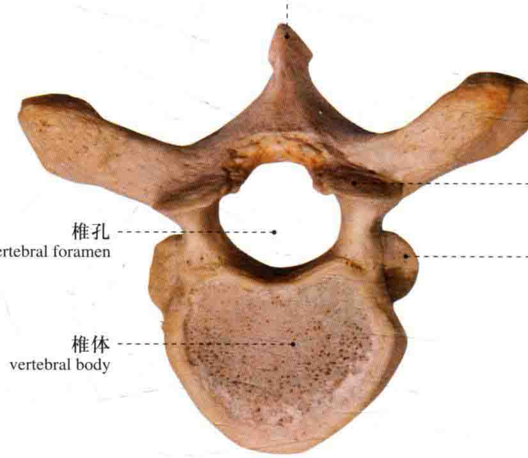


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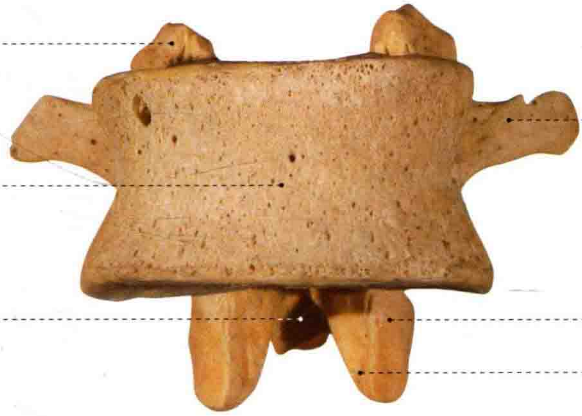


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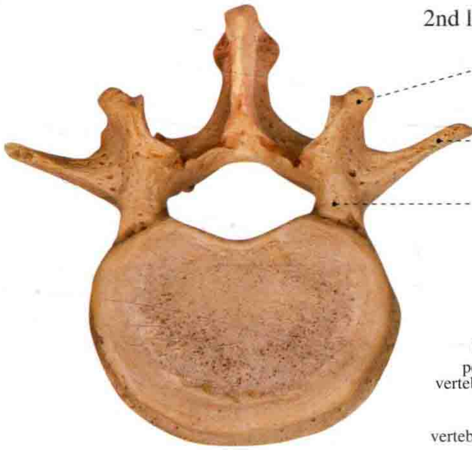


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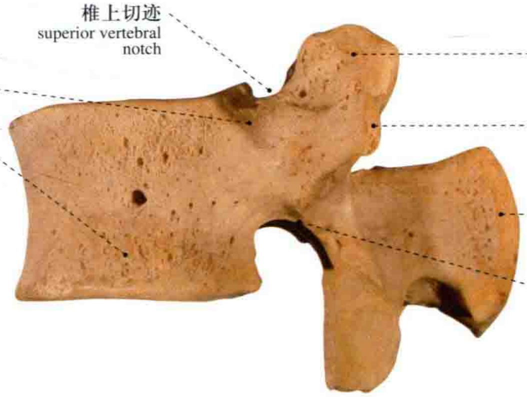


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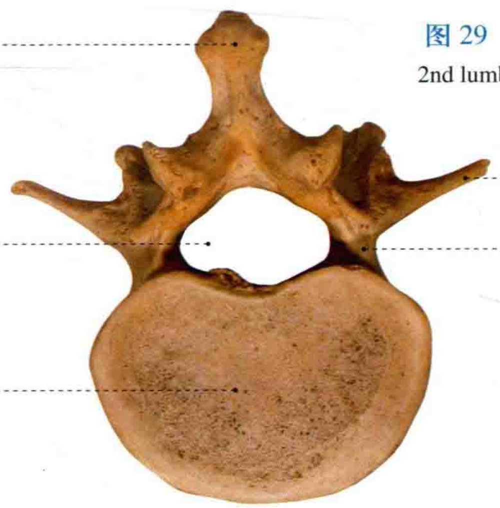


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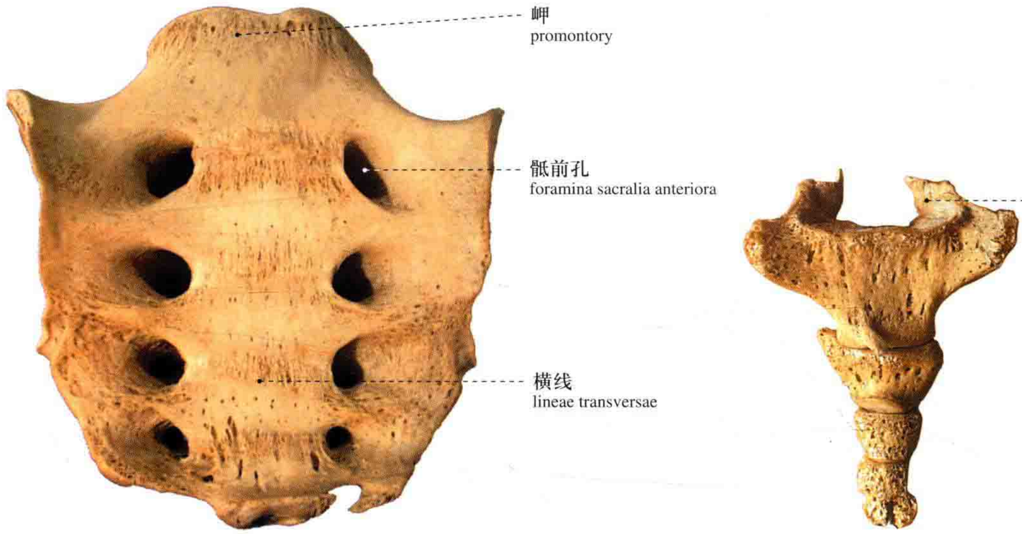


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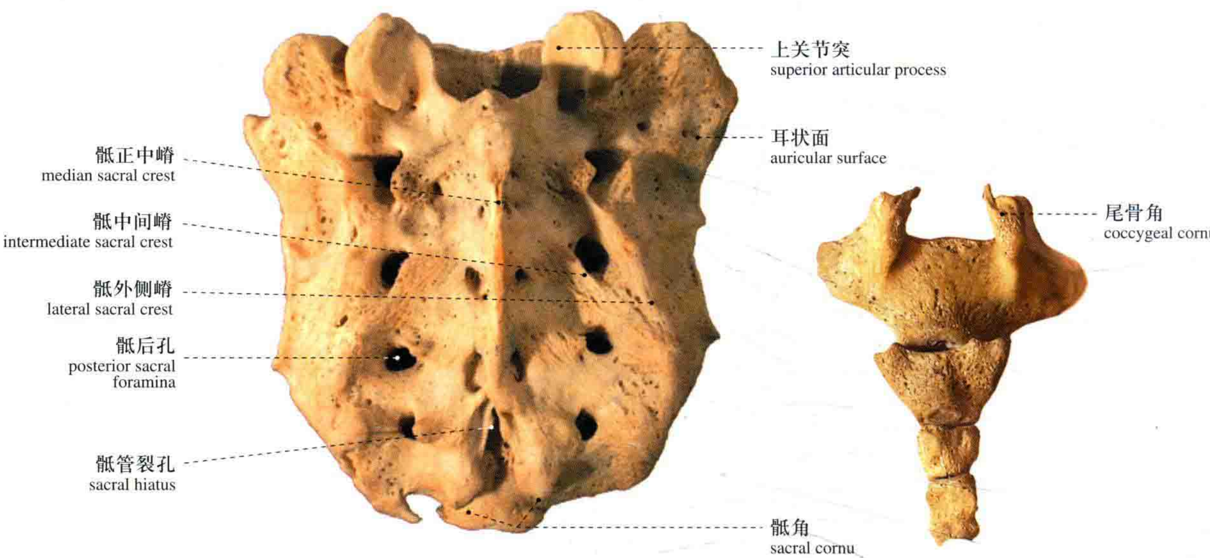


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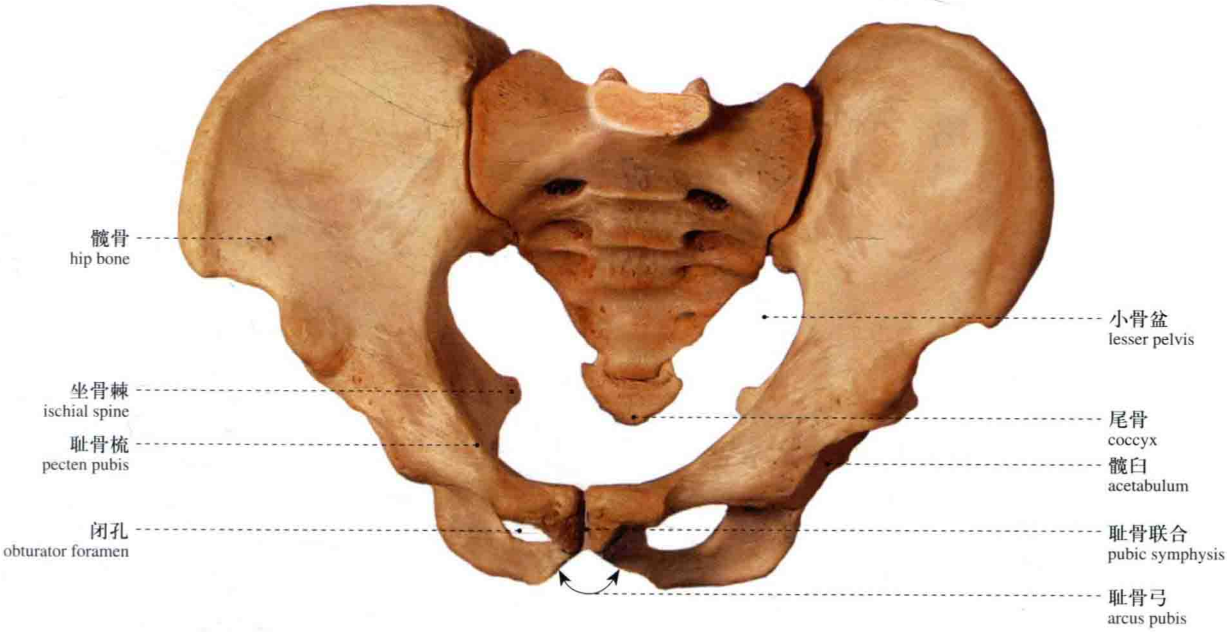


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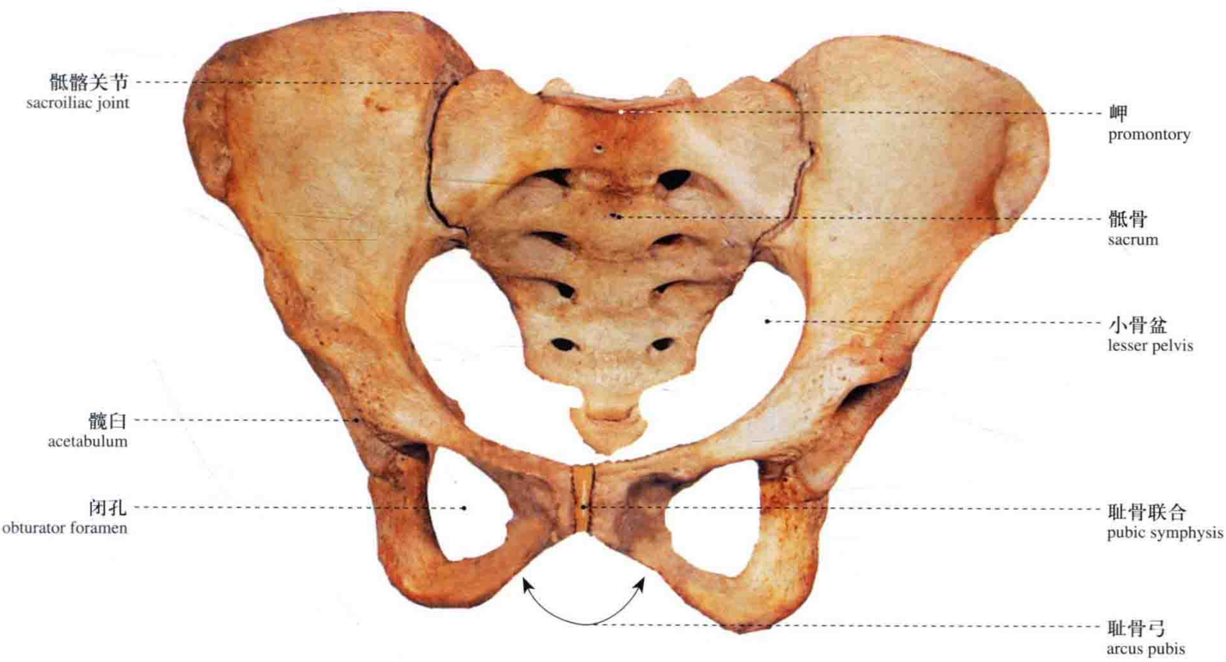


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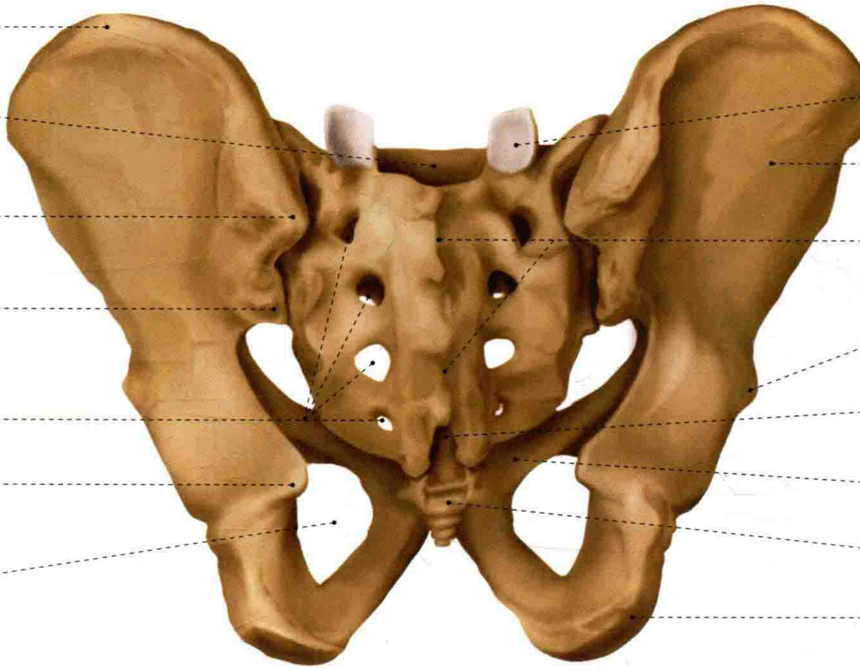


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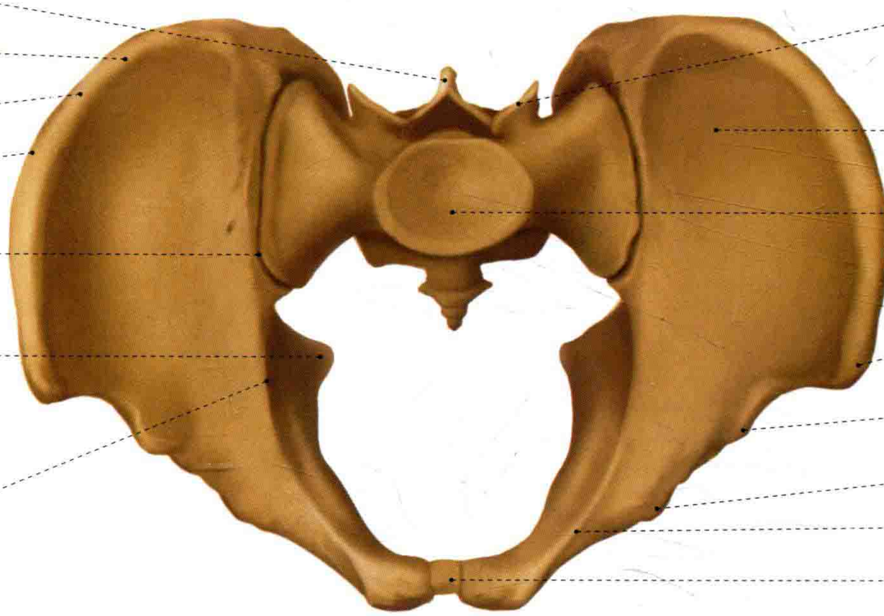


图 36 男性骨盆（上面观）

Male pelvis (superior aspect)



图 37　男性骨盆 X 线像（前后位）

Radiograph of the male pelvis (anteroposterior view)

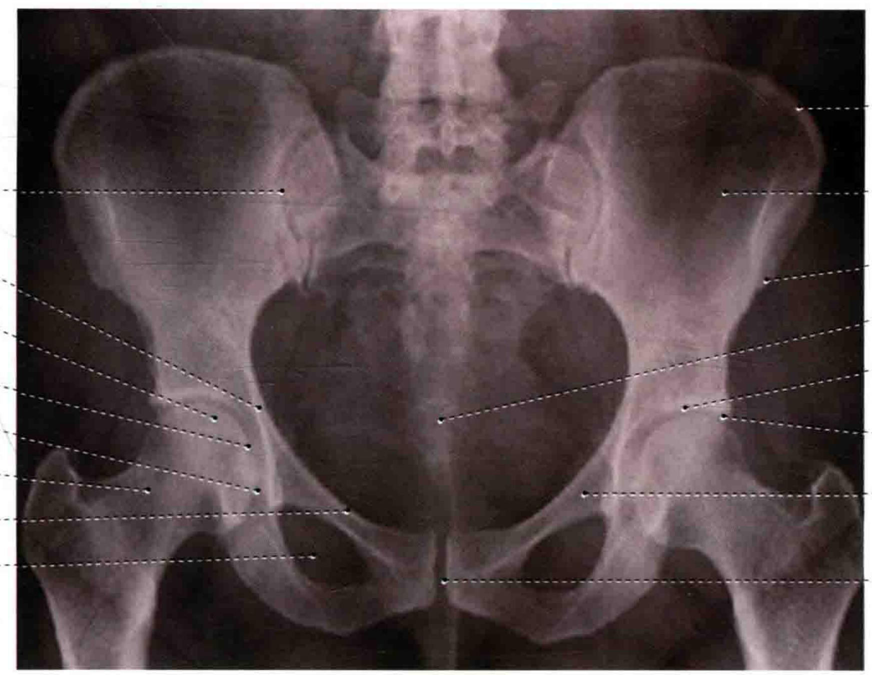


图 38　女性骨盆 X 线像（前后位）

Radiograph of the female pelvis (anteroposterior view)

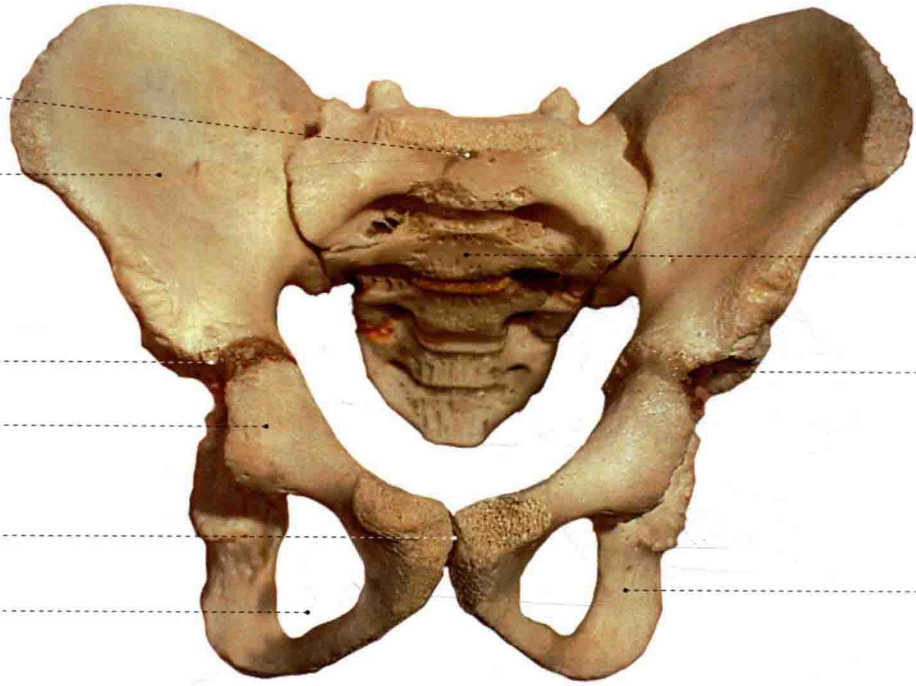


图 39 小儿骨盆
Pelvis of an infant

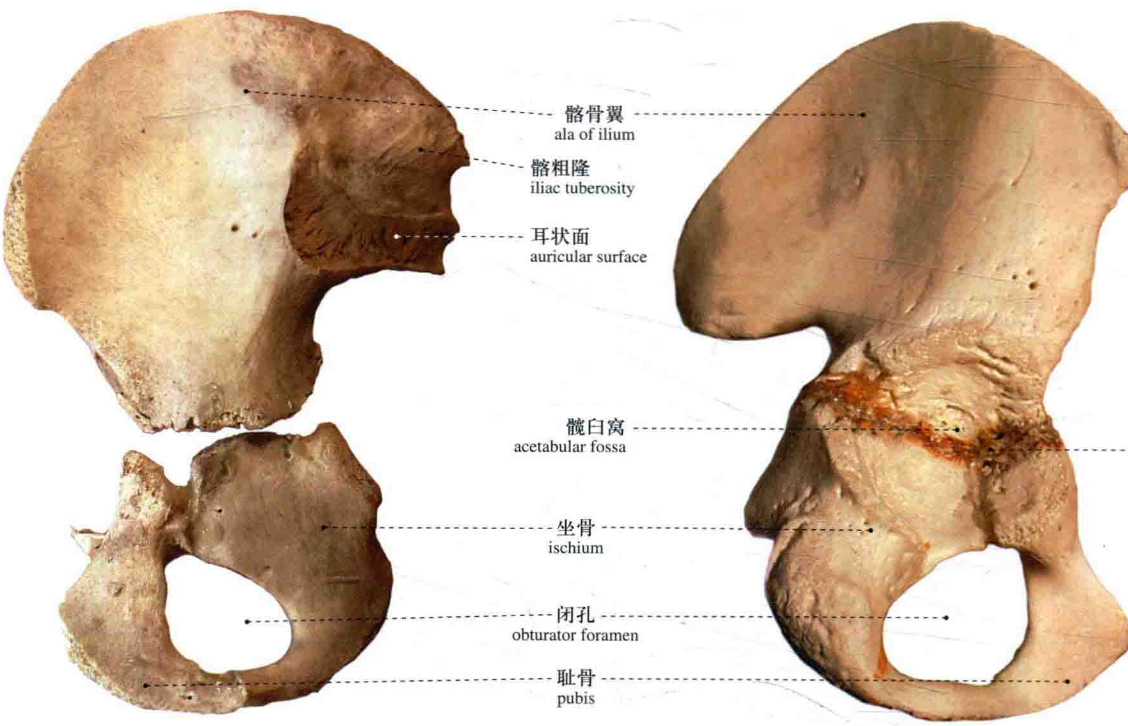


图 40 小儿髋骨（内面观）
Hip bone of an infant (internal aspect)

图 41 小儿髋骨（外面观）
Hip bone of an infant (external aspect)


前锯肌粗隆
tuberosity for serratus anterior
肋角
costal angle
肋结节
costal tubercle
肋颈
costal neck
肋头
costal head
第 2 肋骨
2nd rib
肋结节
costal tubercle
肋颈
costal neck
肋头
costal head
锁骨下动脉沟
sulcus for subclavian artery
前斜角肌结节
tubercle for scalenus anterior
锁骨下静脉沟
sulcus for subclavian vein
第 1 肋骨
1st rib
干
shaft
肋结节
costal tubercle
肋颈
costal neck
肋头
costal head
第 3 肋骨
3rd rib
干
shaft
肋角
costal angle
第 4 肋骨
4th rib
肋头
costal head
棘突
spinous process
肋角
costal angle
椎孔
vertebral foramen
椎体
vertebral body
肋结节
costal tubercle
横突
transverse process
肋颈
costal neck
肋头
costal head
连结
Joints

图 42 **肋骨**

Ribs



图 43 胸骨（前面观）
Sternum (anterior aspect)



图 44 胸骨（侧面观）
Sternum (lateral aspect)



图 45　颅（前面观）

Skull (anterior aspect)

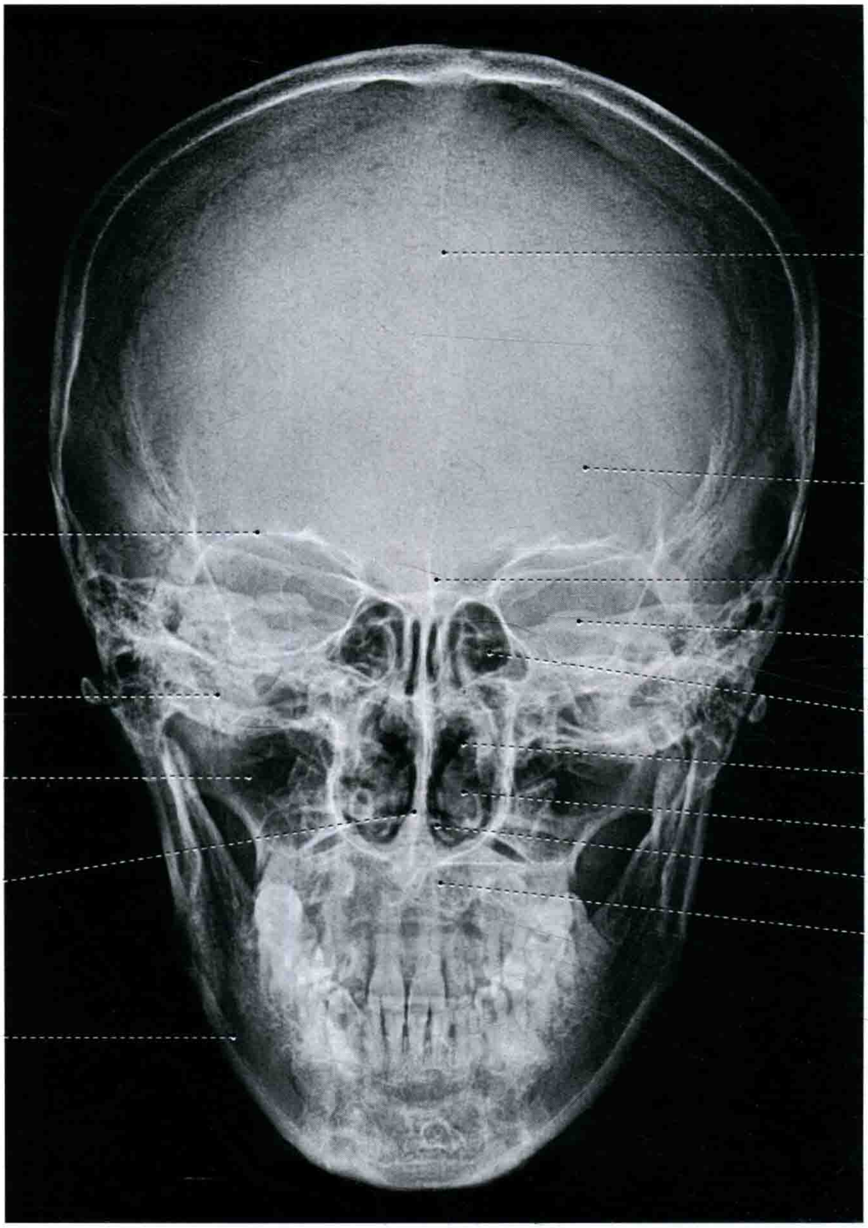


图 46　颅 X 线像（前后位）

Radiograph of the skull (anteroposterior view)

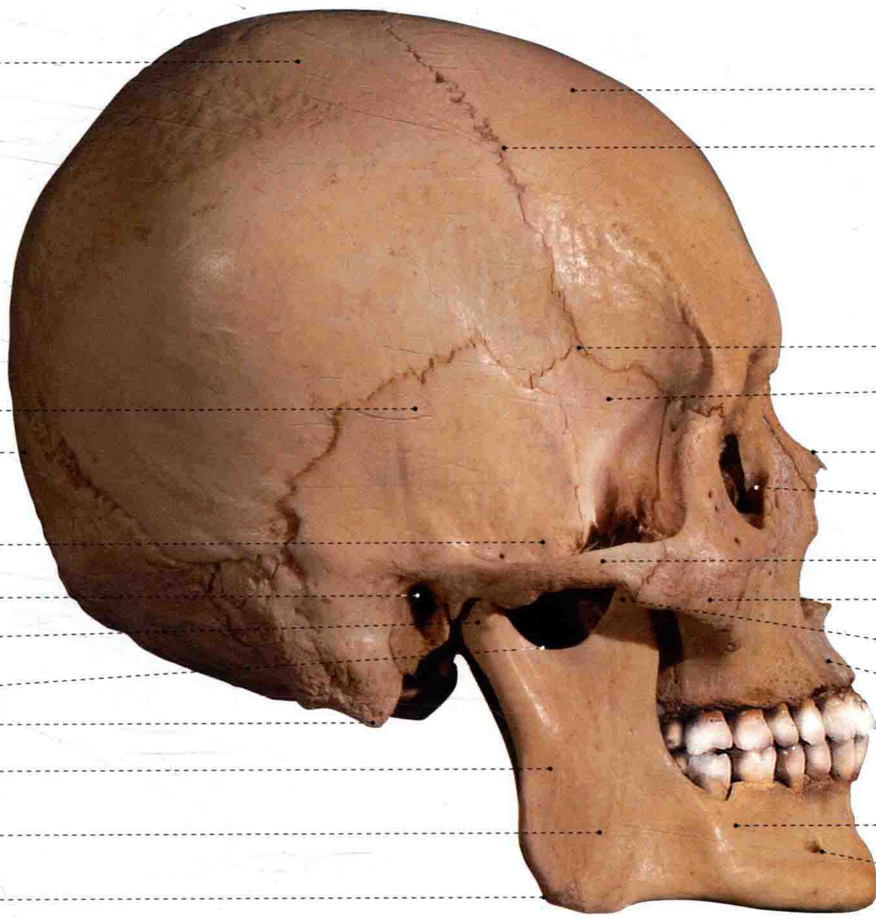


图 47　颅（侧面观）

Skull (lateral aspect)

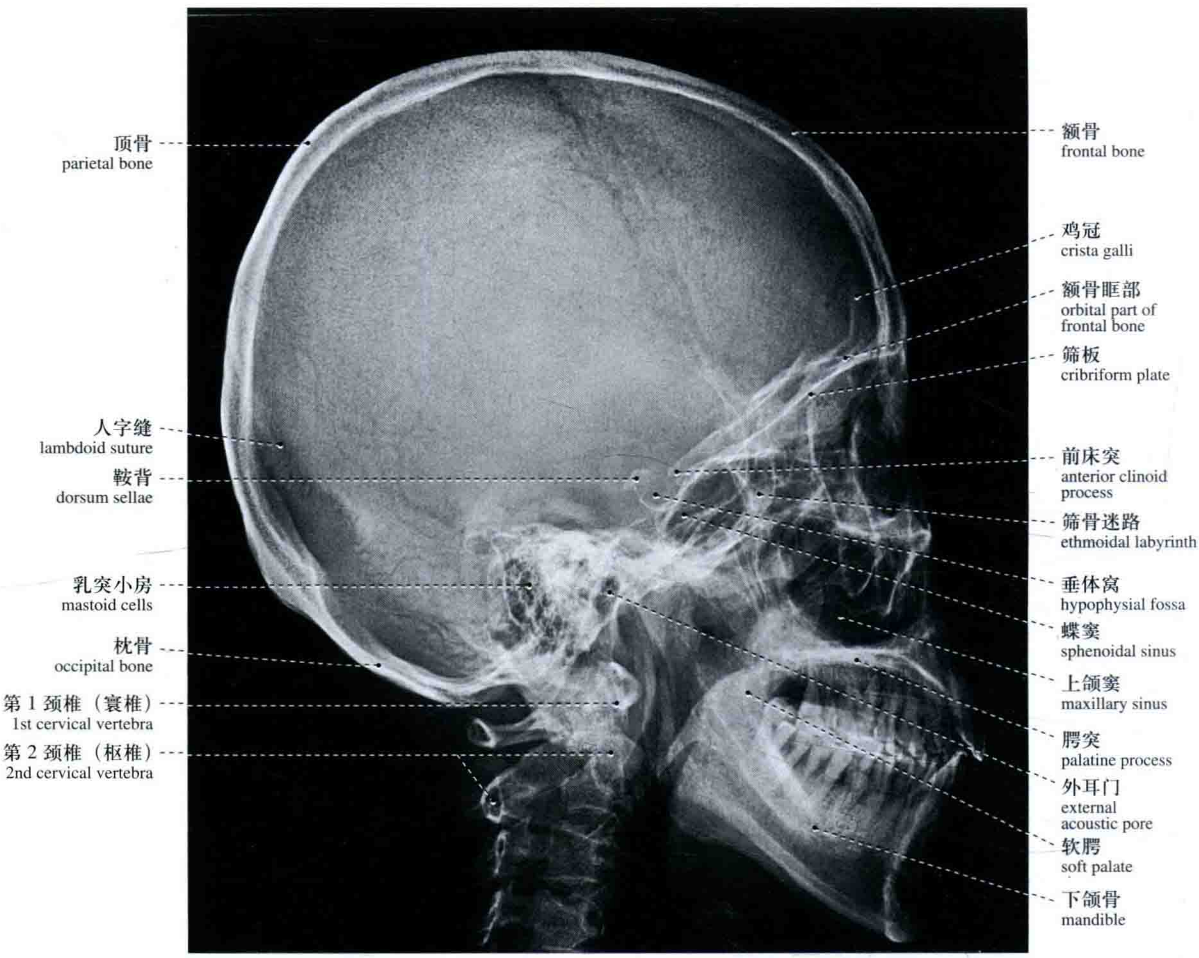


图 48 颅 X 线像（侧位）

Radiograph of the skull (lateral view)

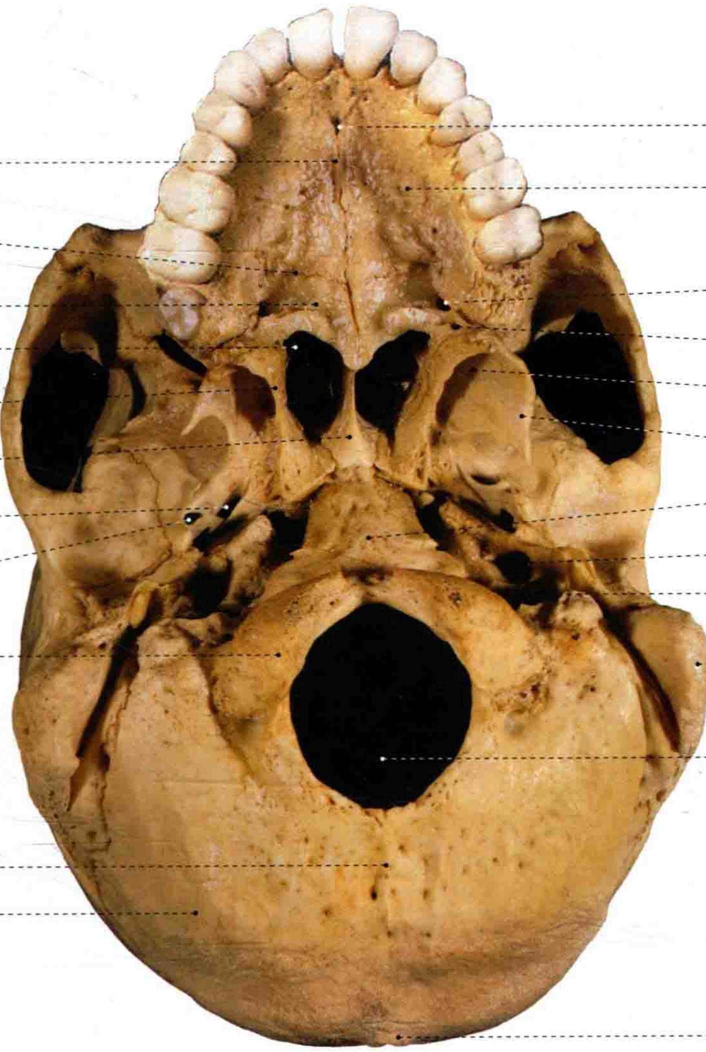


图 49 颅底（外面观）

Base of the skull (external aspect)



图 50 颅 X 线像（下颌顶位）

Radiograph of the base of the skull (SMV)

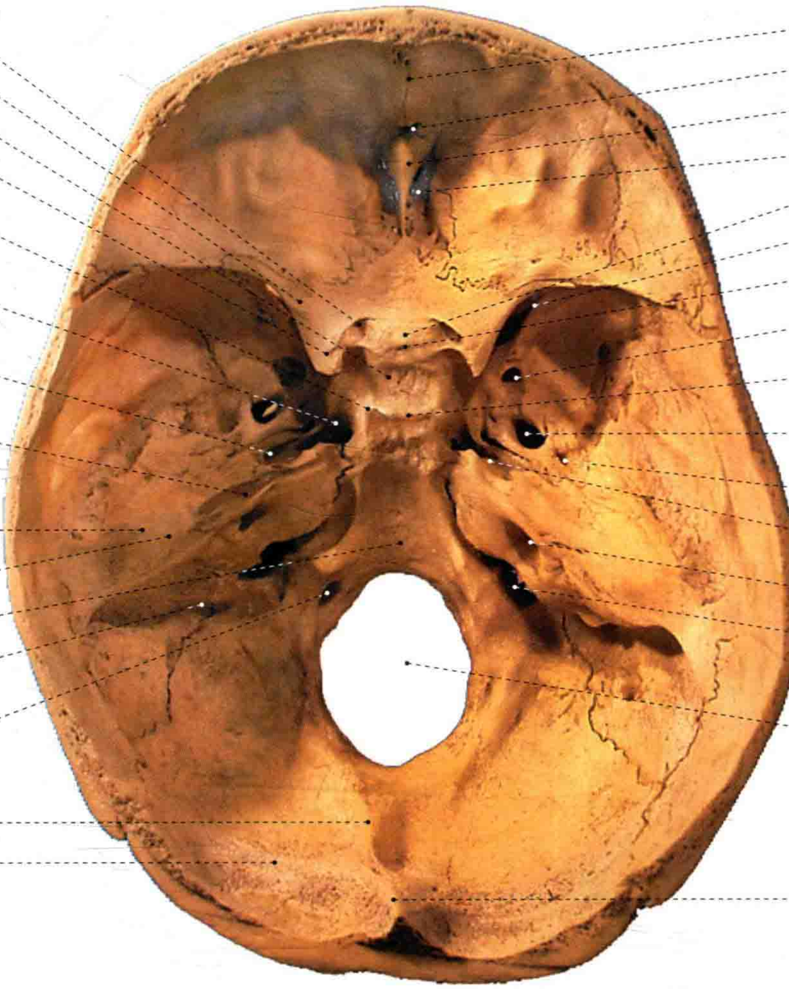


图 51　**颅底（内面观）**

Base of the skull (internal aspect)

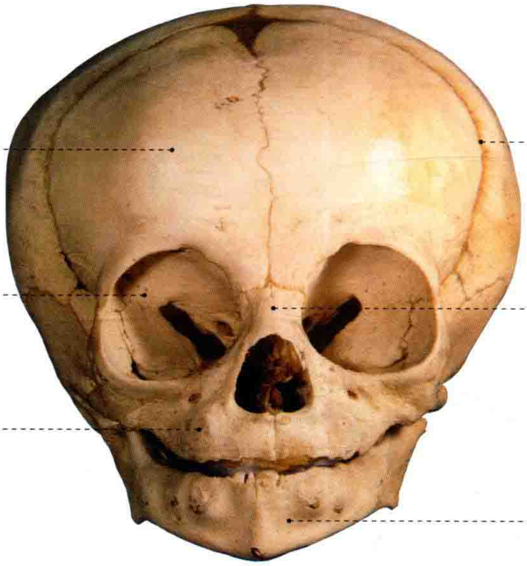


图 52 婴儿颅（前面观）

Skull of an infant (anterior aspect)

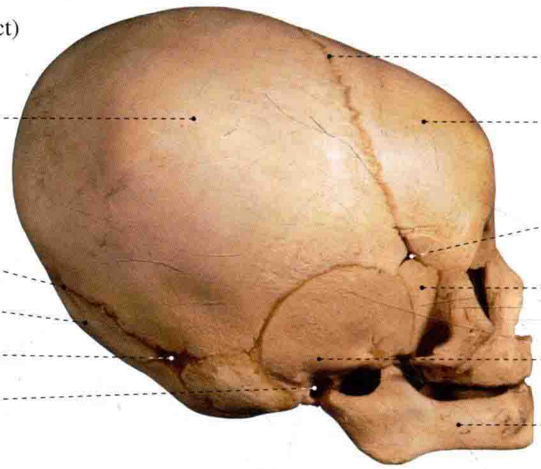


图 53 婴儿颅（侧面观）

Skull of an infant (lateral aspect)

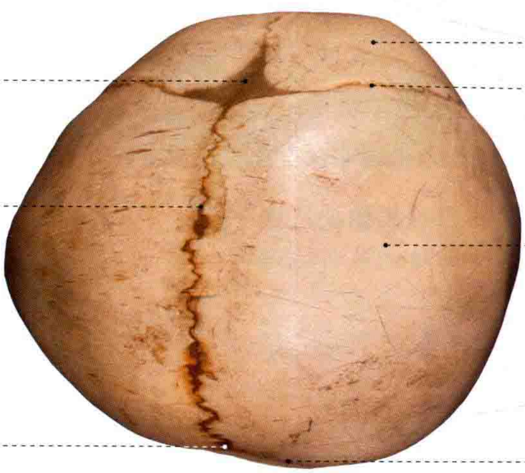


图 54 婴儿颅（上面观）

Skull of an infant (superior aspect)

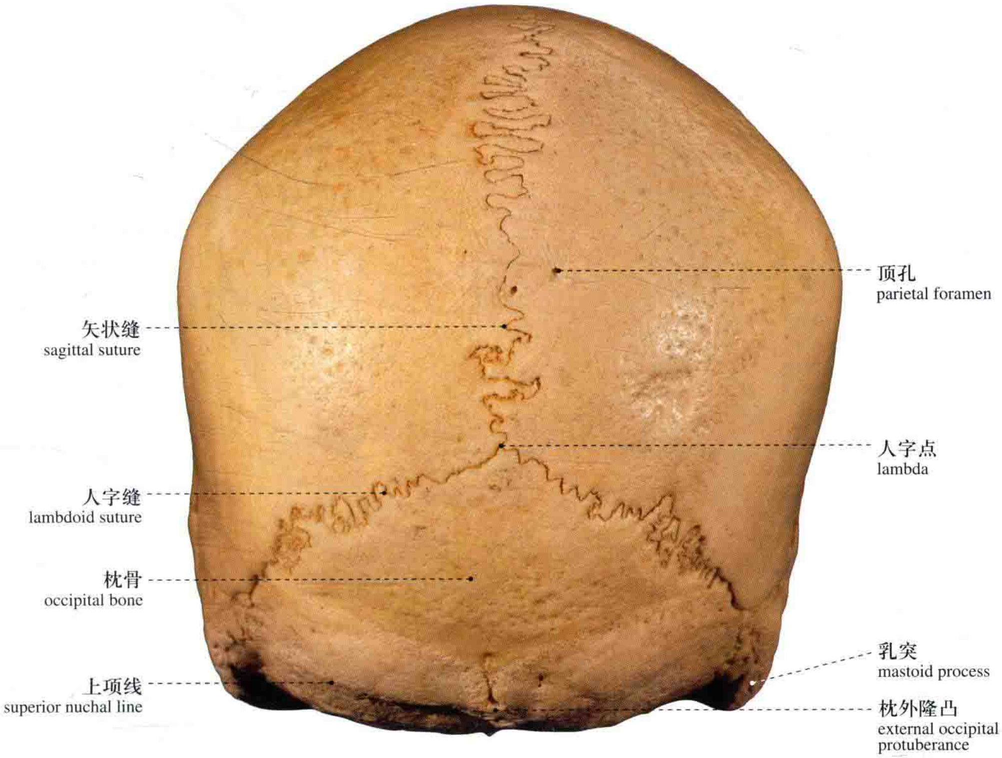


图 55 颅（后面观）

Skull (posterior aspect)

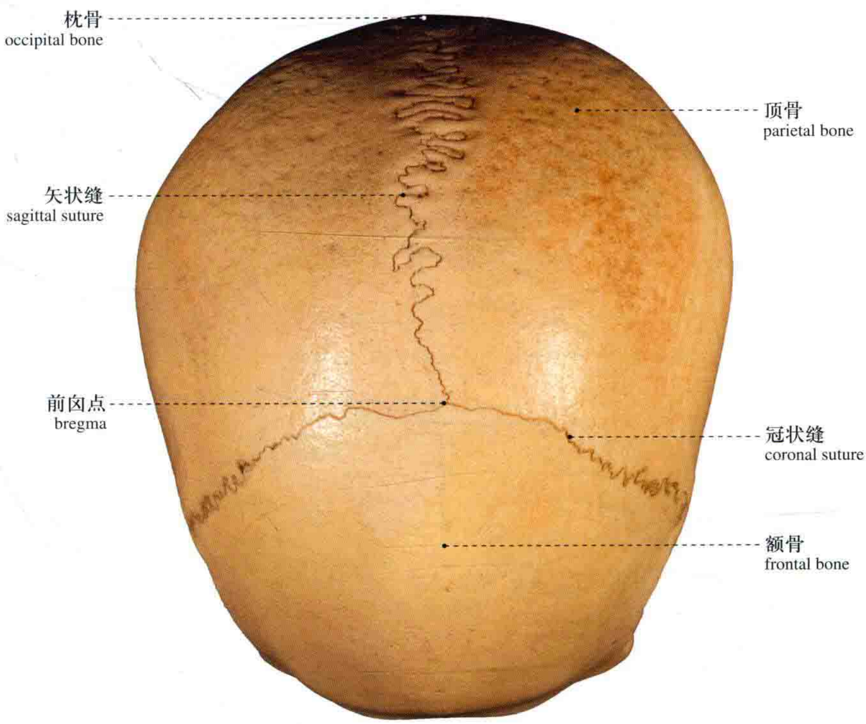


图 56 颅（上面观）

Skull (superior aspect)

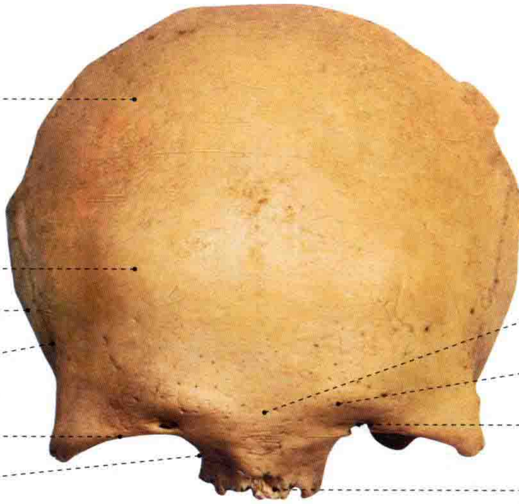


图 57　额骨（前面观）
Frontal bone (anterior aspect)

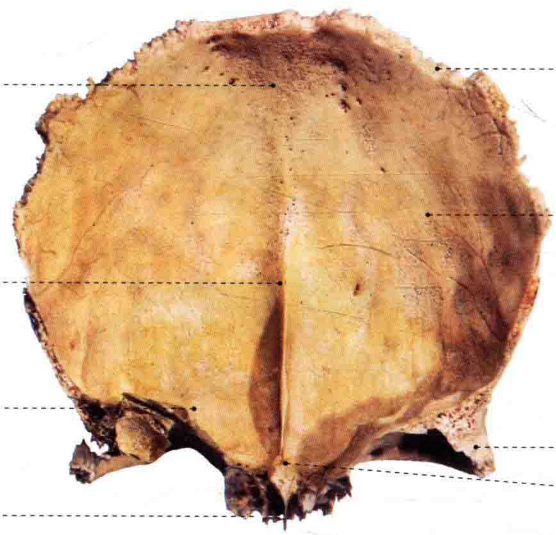


图 58　额骨（内面观）
Frontal bone (internal aspect)



图 59　额骨（下面观）
Frontal bone (inferior aspect)

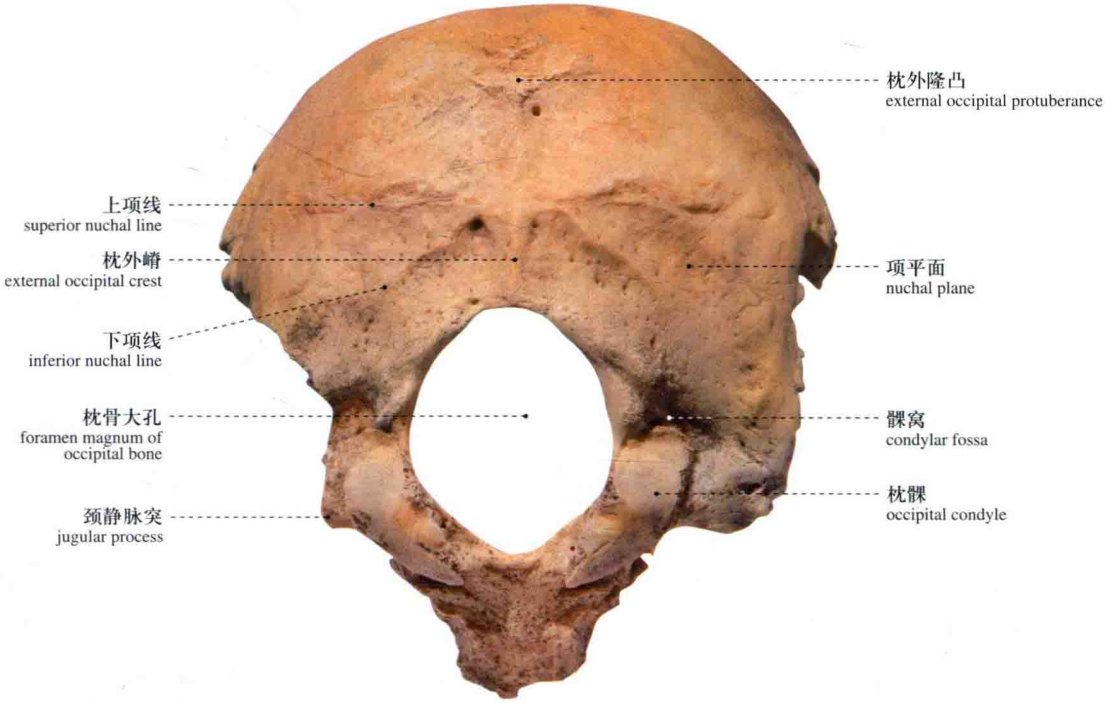


图 60　**枕骨（外面观）**

Occipital bone (external aspect)

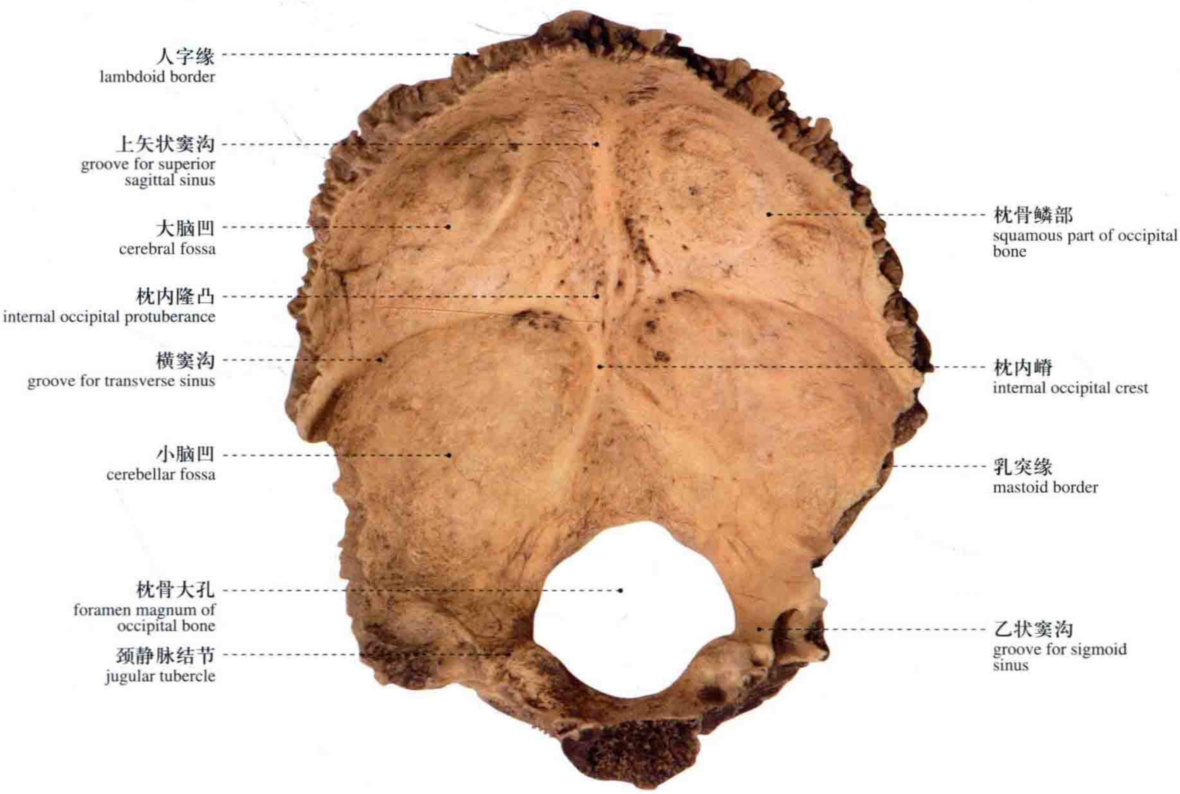


图 61　**枕骨（内面观）**

Occipital bone (internal aspect)

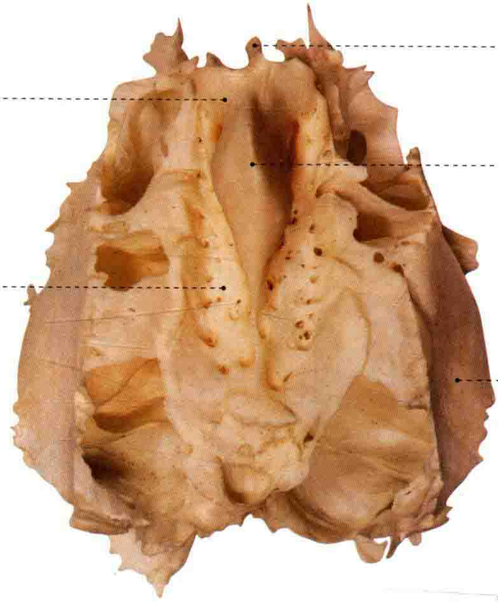


图 62　筛骨（上面观）
Ethmoid bone (superior aspect)

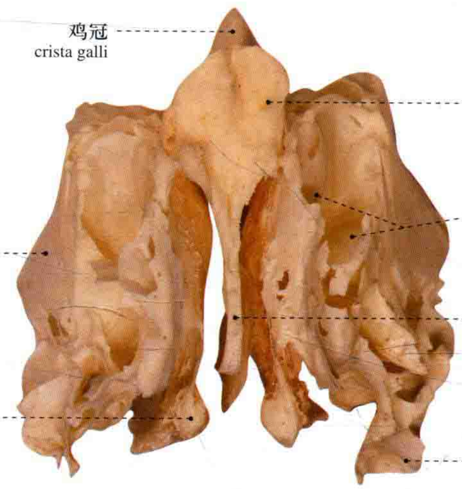


图 63　筛骨（后面观）
Ethmoid bone (posterior aspect)

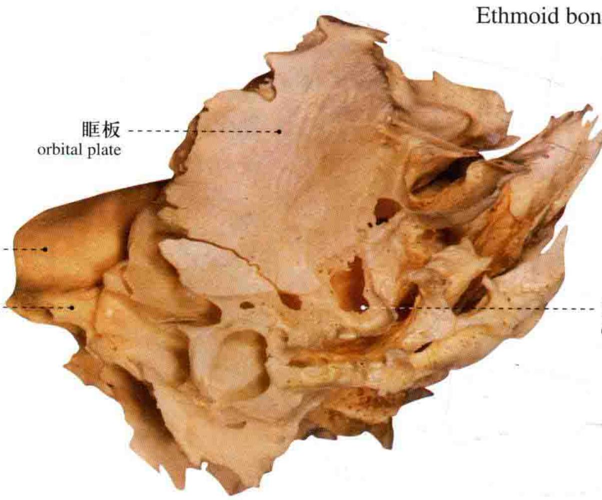


图 64　筛骨（侧面观）
Ethmoid bone (lateral aspect)

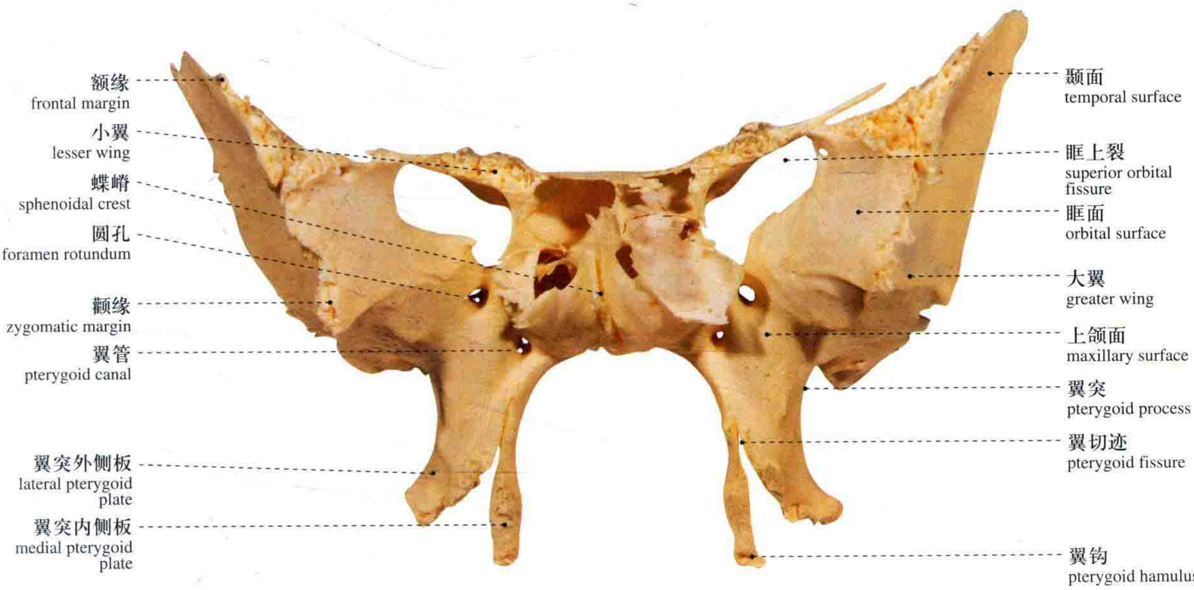


图 65 蝶骨（前面观）
Sphenoid bone (anterior aspect)

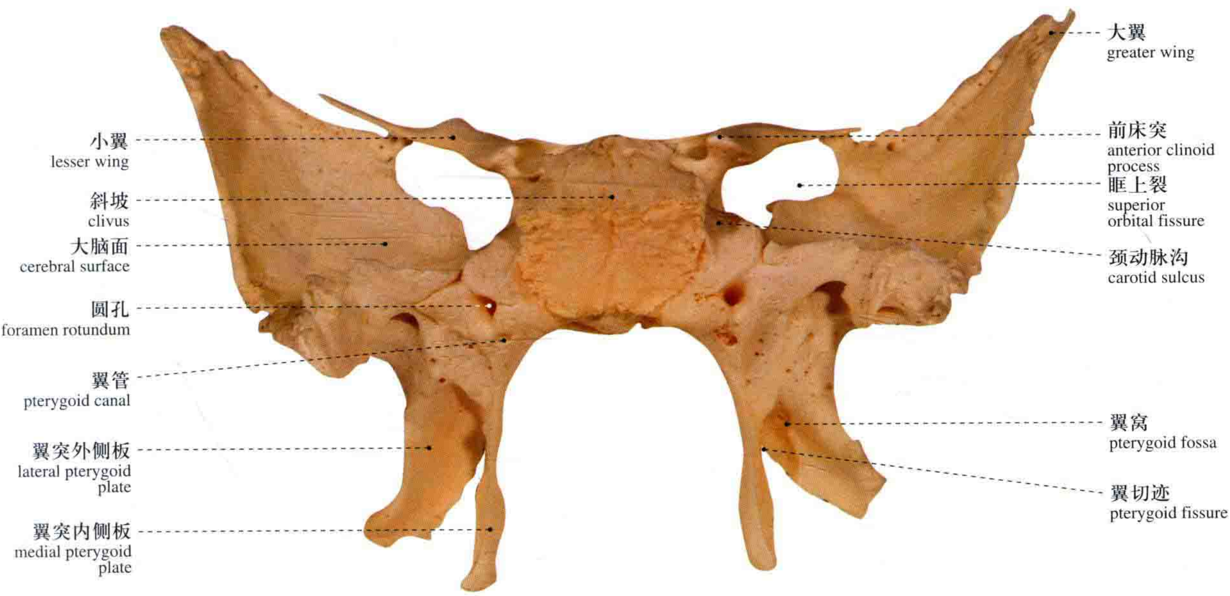


图 66 蝶骨（后面观）
Sphenoid bone (posterior aspect)

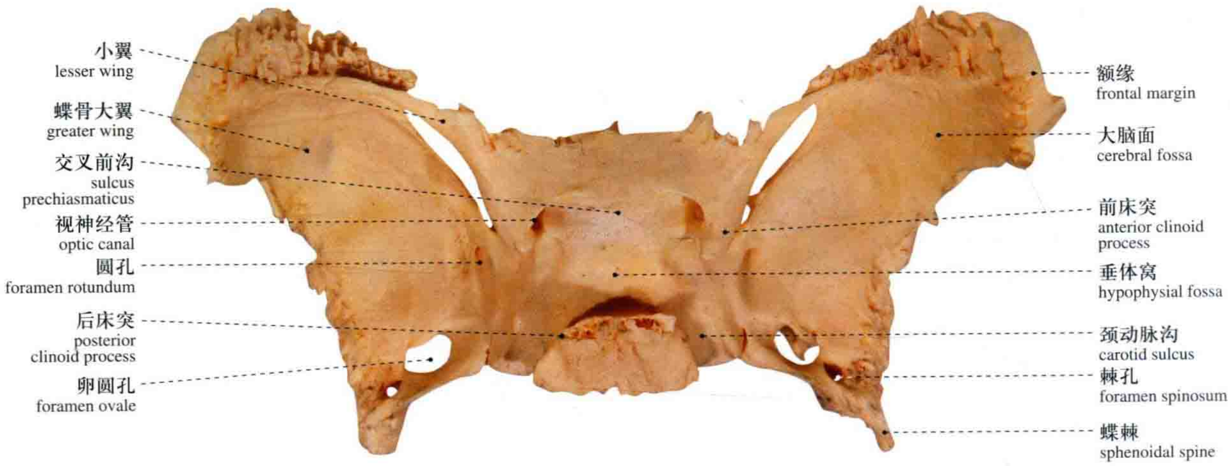


图 67　蝶骨（上面观）
Sphenoid bone (superior aspect)

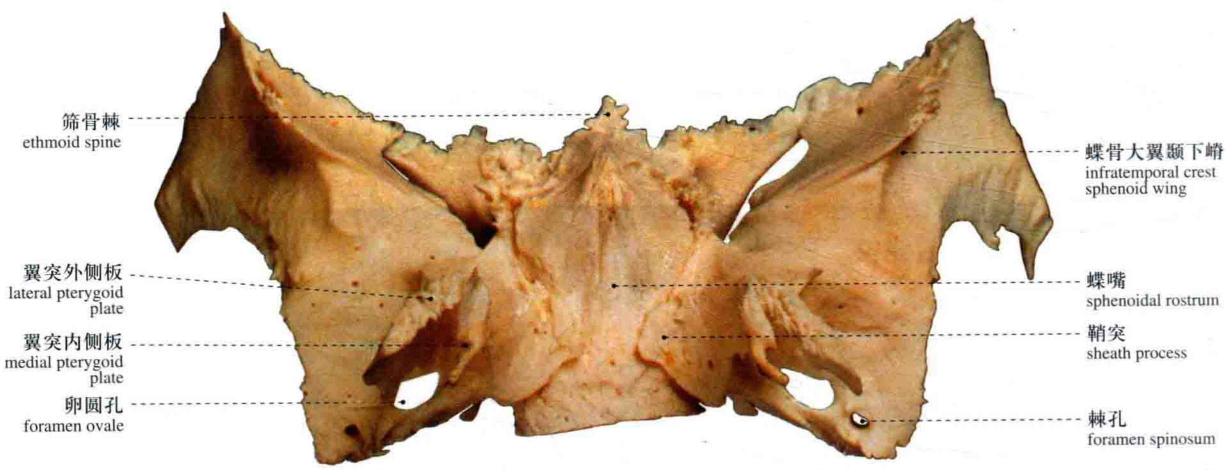


图 68　蝶骨（下面观）
Sphenoid (inferior aspect)

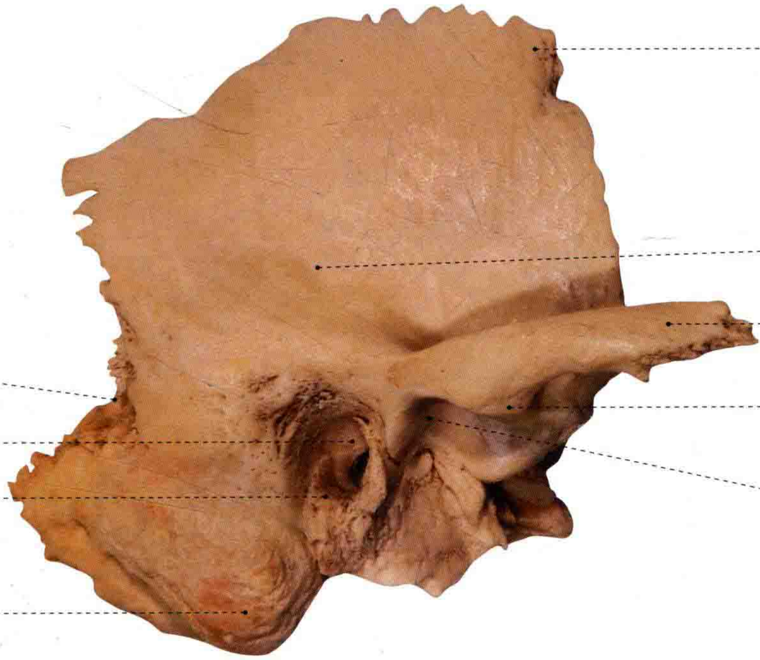


图 69 颞骨（外侧面观）
Temporal bone (lateral aspect)

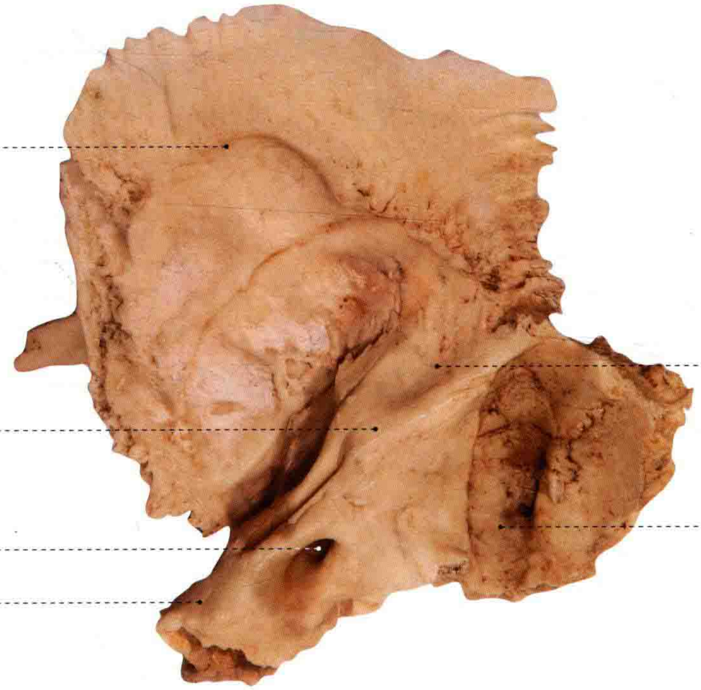


图 70 颞骨（内侧面观）
Temporal bone (medial aspect)

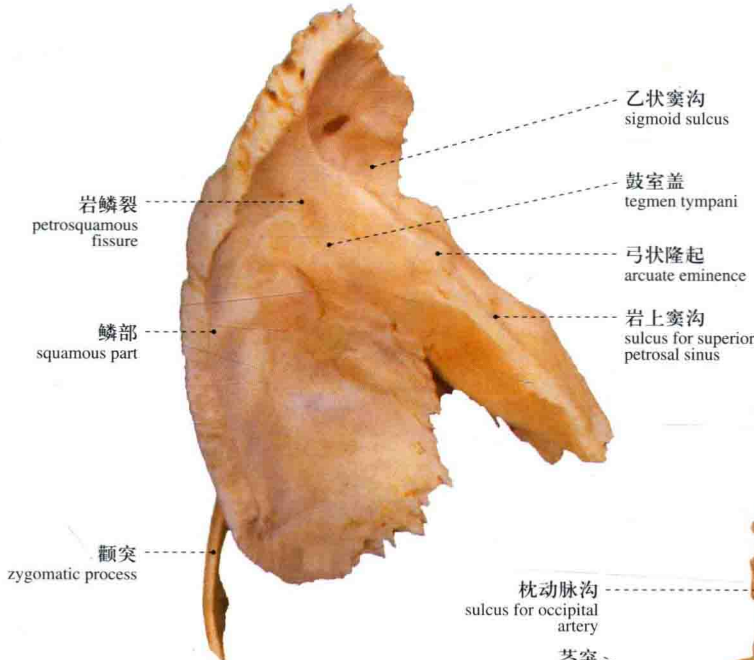


图 71　颞骨（上面观）
Temporal bone (superior aspect)

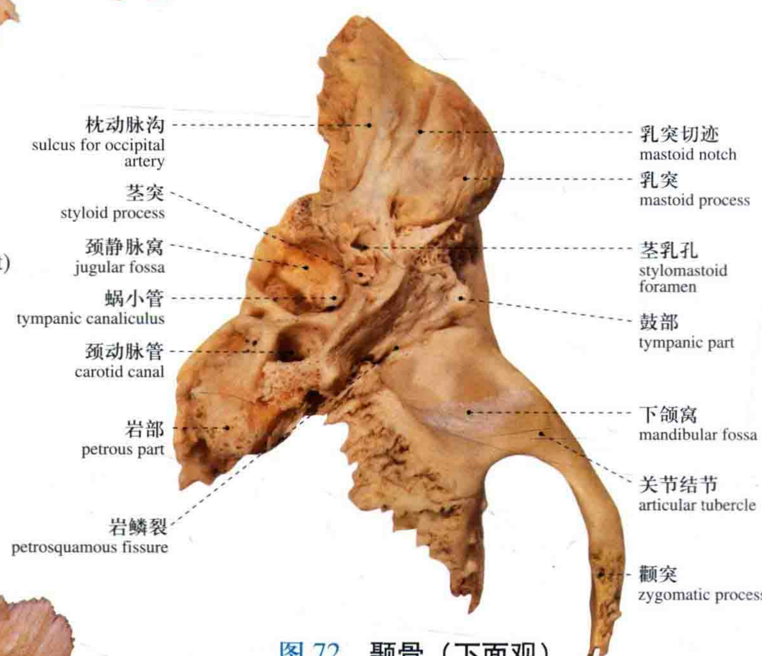


图 72　颞骨（下面观）
Temporal bone (inferior aspect)

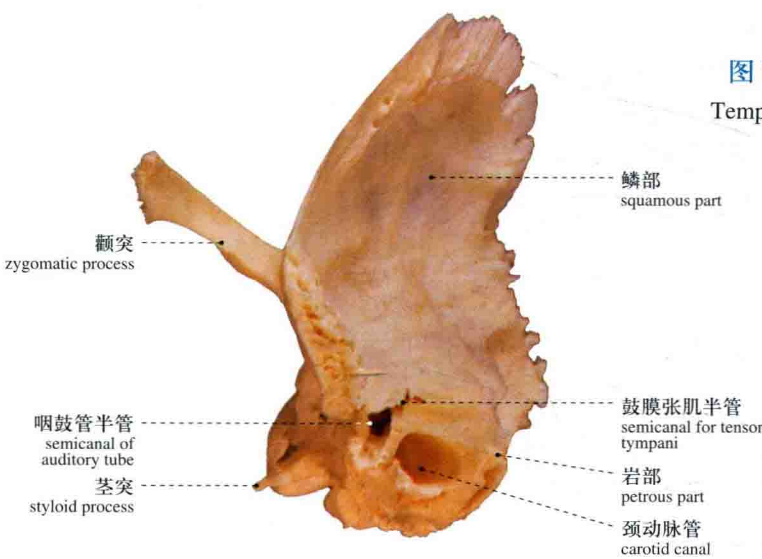


图 73　颞骨（前面观）
Temporal bone (anterior aspect)

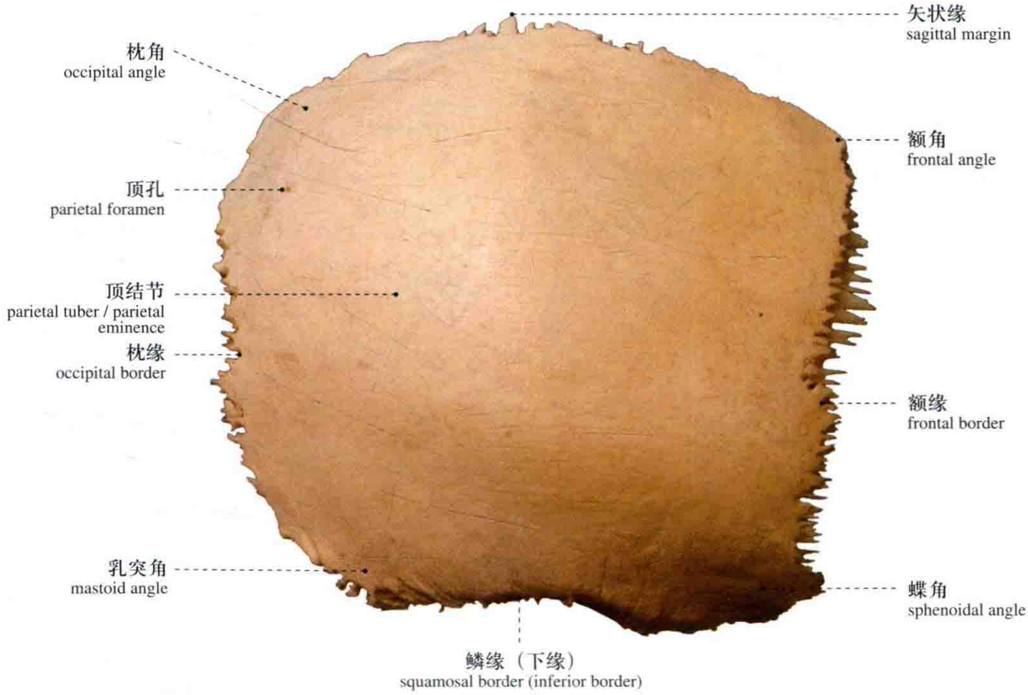


图 74　右侧顶骨（外侧面观）
Right parietal bone (lateral aspect)



图 75　右侧顶骨（内侧面观）
Right parietal bone (medial aspect)

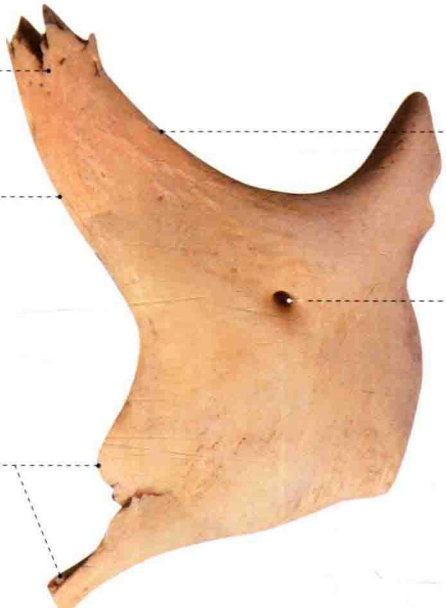


图 76　右侧颧骨（外侧面观）
Right zygomatic bone (lateral aspect)

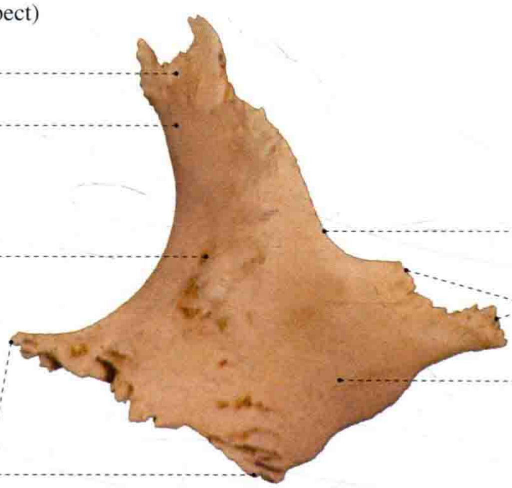


图 77　右侧颧骨（内侧面观）
Right zygomatic bone (medial aspect)

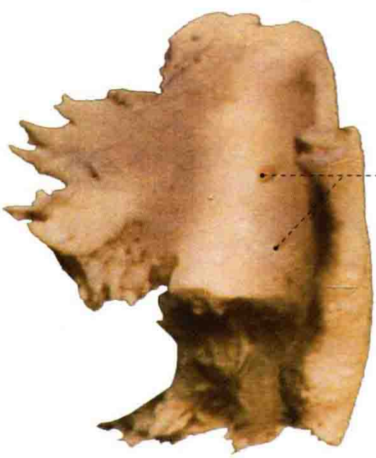


图 78　右侧颧骨（后面观）
Right zygomatic bone (posterior aspect)



图 79 右侧腭骨（前面观）
Right palatine bone (anterior aspect)

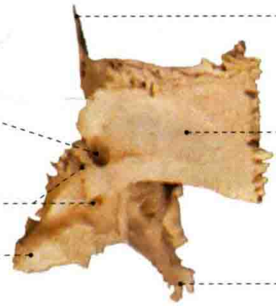


图 80 右侧腭骨（下面观）
Right palatine bone (inferior aspect)

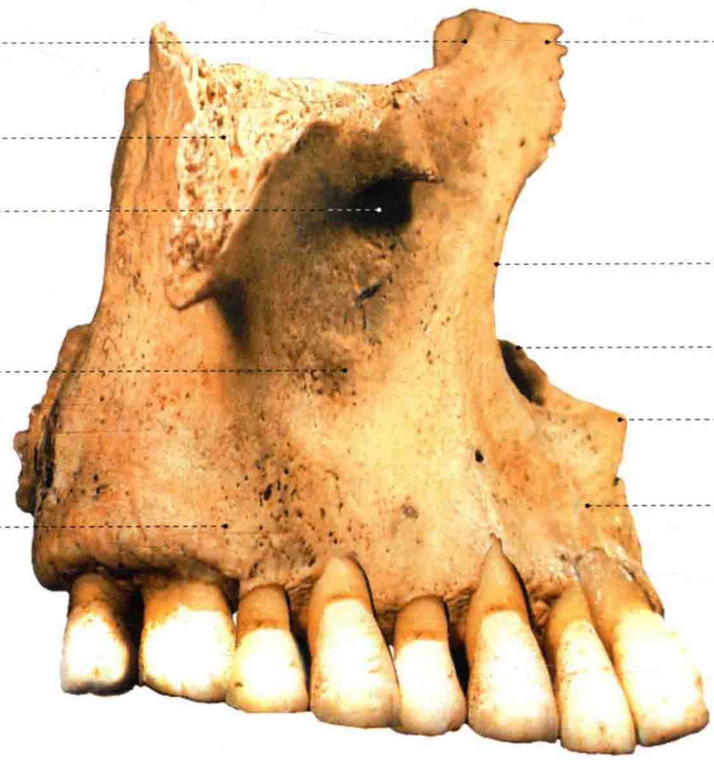


图 81 右侧上颌骨（前面观）
Right maxillary bone (anterior aspect)

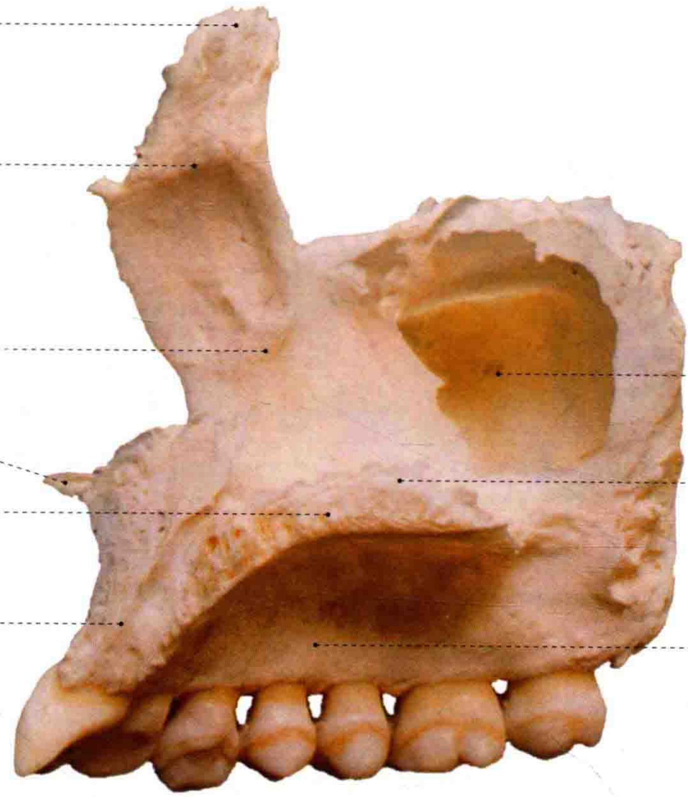


图 82　右侧上颌骨（内侧面观）
Right maxillary (medial aspect)

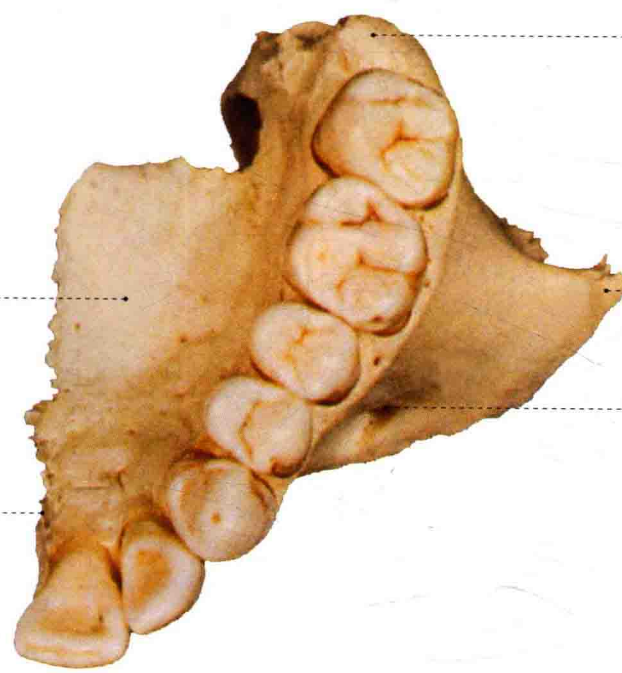


图 83　右侧上颌骨（下面观）
Right maxillary (inferior aspect)

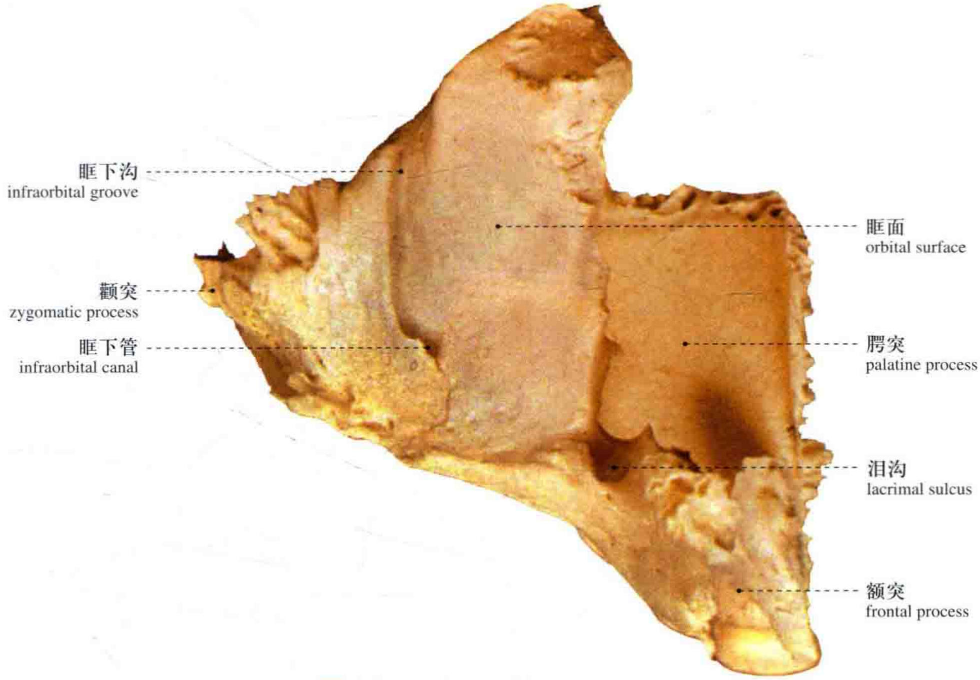


图 84 **右侧上颌骨（上面观）**

Right maxillary (superior aspect)

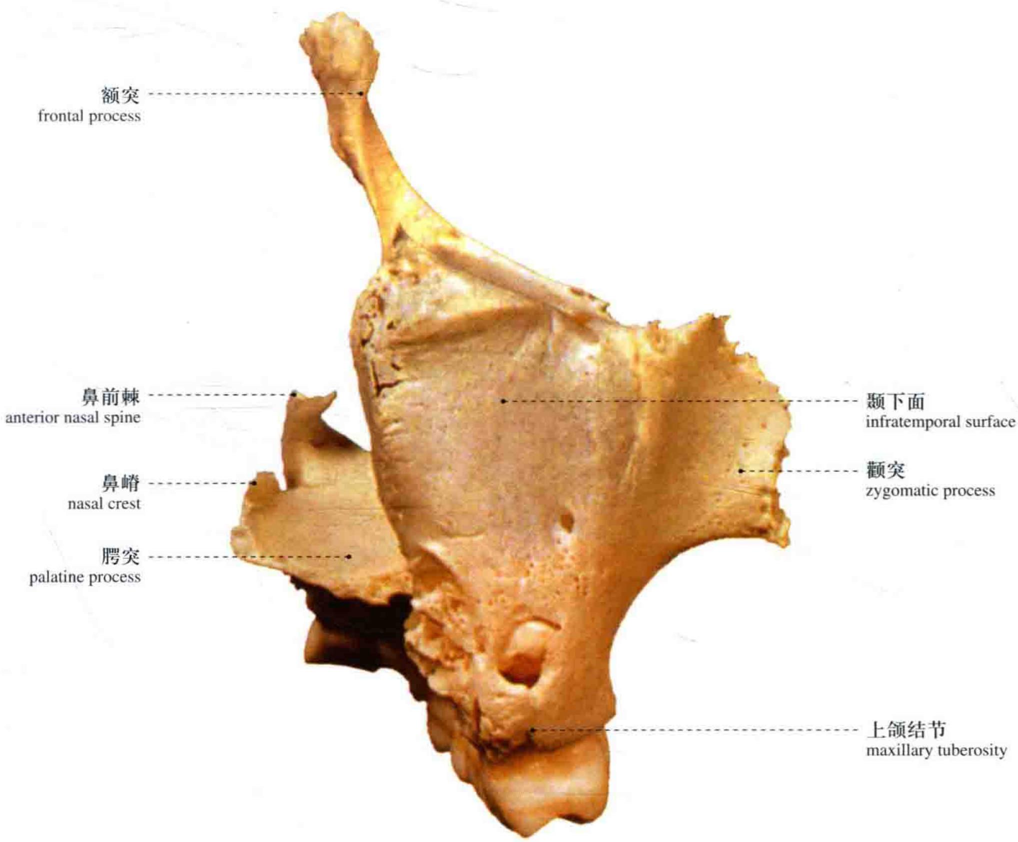


图 85 **右侧上颌骨（后面观）**

Right maxillary (posterior aspect)

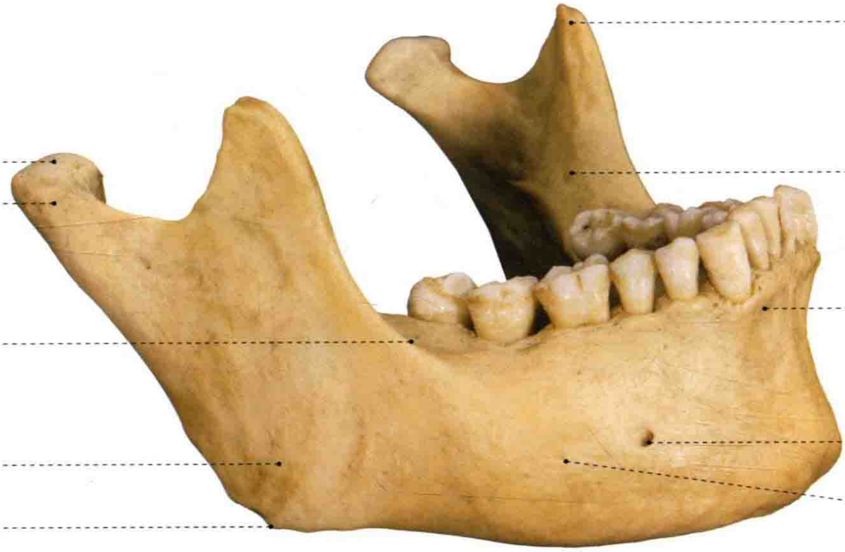


图 86　下颌骨（外侧面观）

Mandible (lateral aspect)

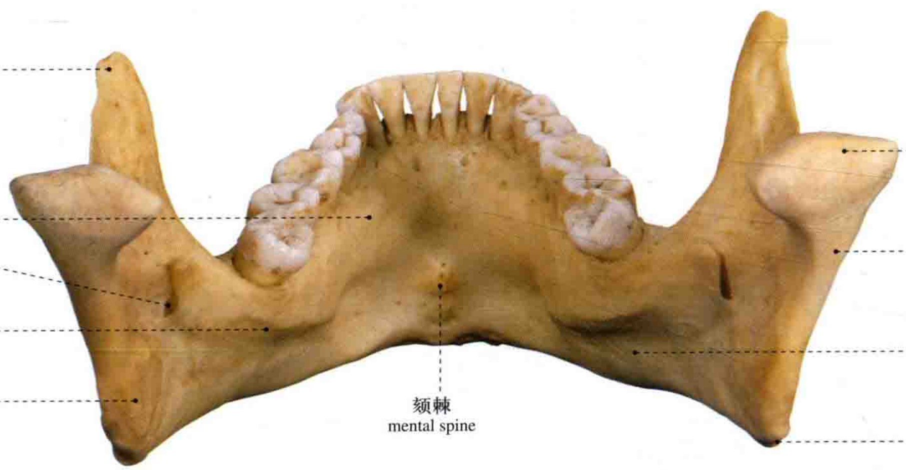


图 87　下颌骨（后面观）

Mandible (posterior aspect)

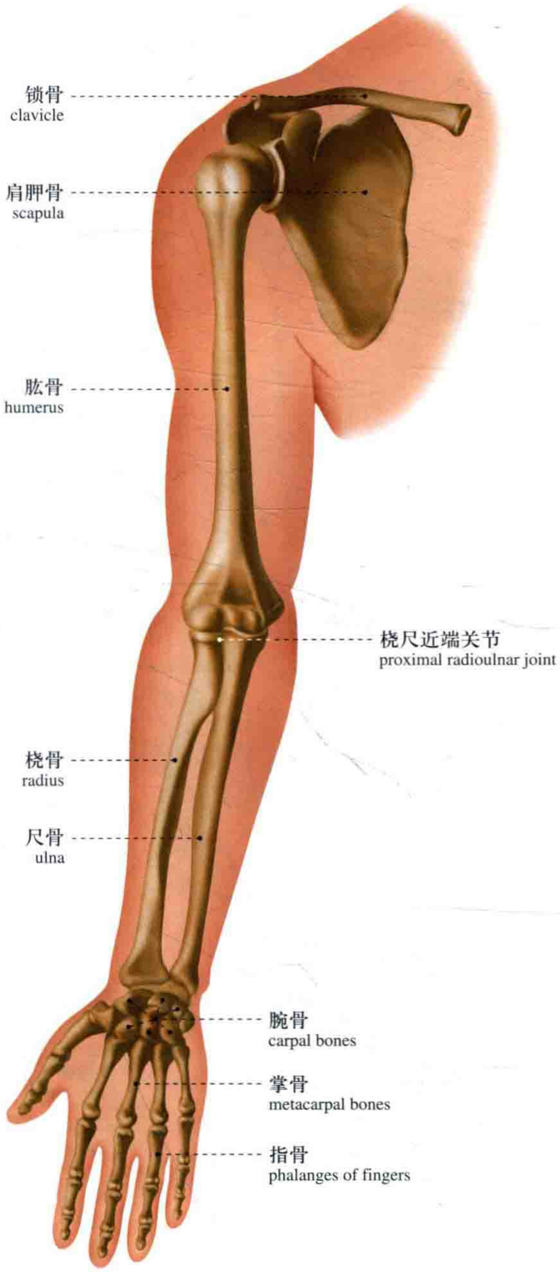


图 88　上肢骨（前面观）
Bones of the upper limb (anterior aspect)

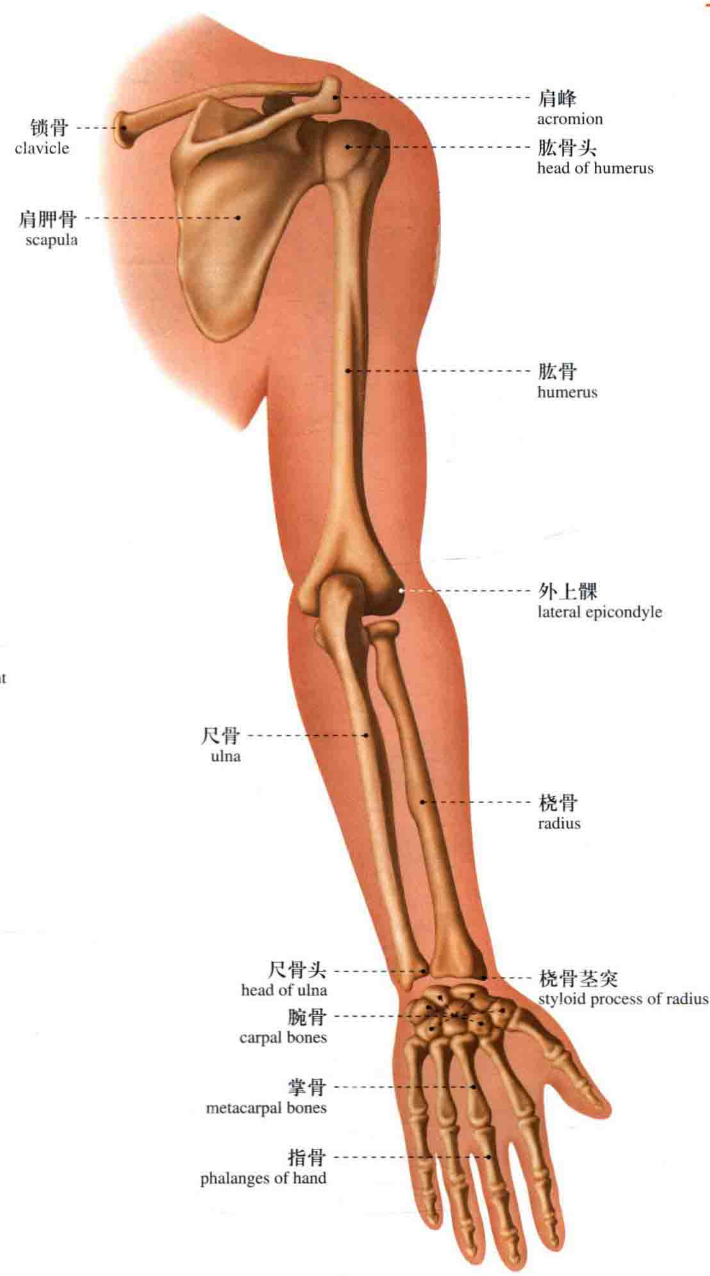


图 89　上肢骨（后面观）
Bones of the upper limb (posterior aspect)

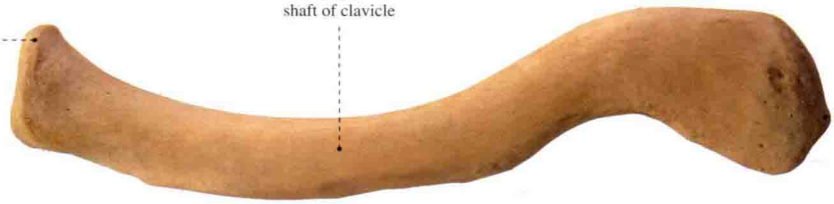


图 90 锁骨（上面观）
Clavicle (superior aspect)



图 91 锁骨（下面观）
Clavicle (inferior aspect)

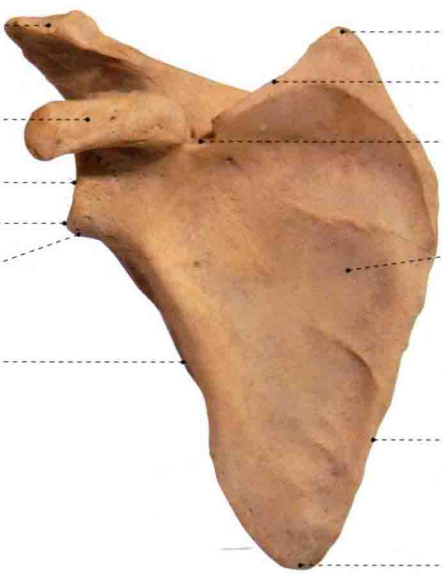


图 92 肩胛骨（前面观）
Scapula (anterior aspect)



图 93 肩胛骨（后面观）
Scapula (posterior aspect)



图 94 **肱骨（前面观）**

Humerus (anterior aspect)



图 95 **肱骨（后面观）**

Humerus (posterior aspect)

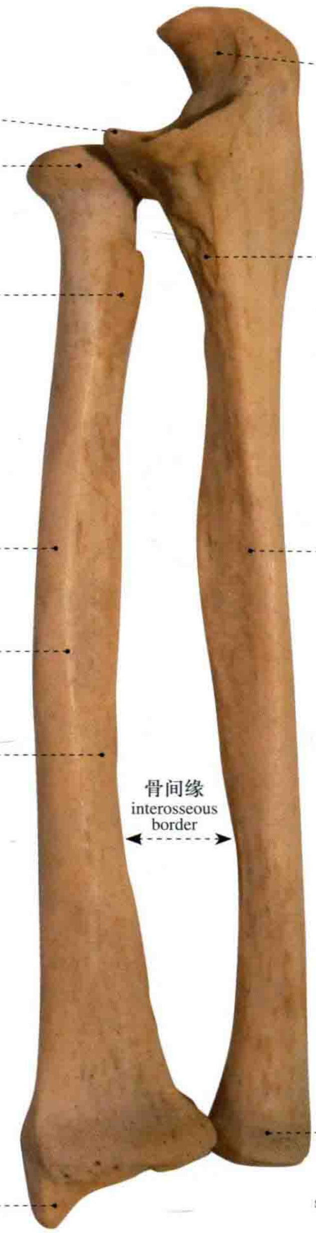


图 96 **桡骨和尺骨（前面观）**

Radius and the ulna (anterior aspect)



图 97 **桡骨和尺骨（后面观）**

Radius and the ulna (posterior aspect)



图 98 手骨（掌面观）

Bones of the hand (palmar aspect)

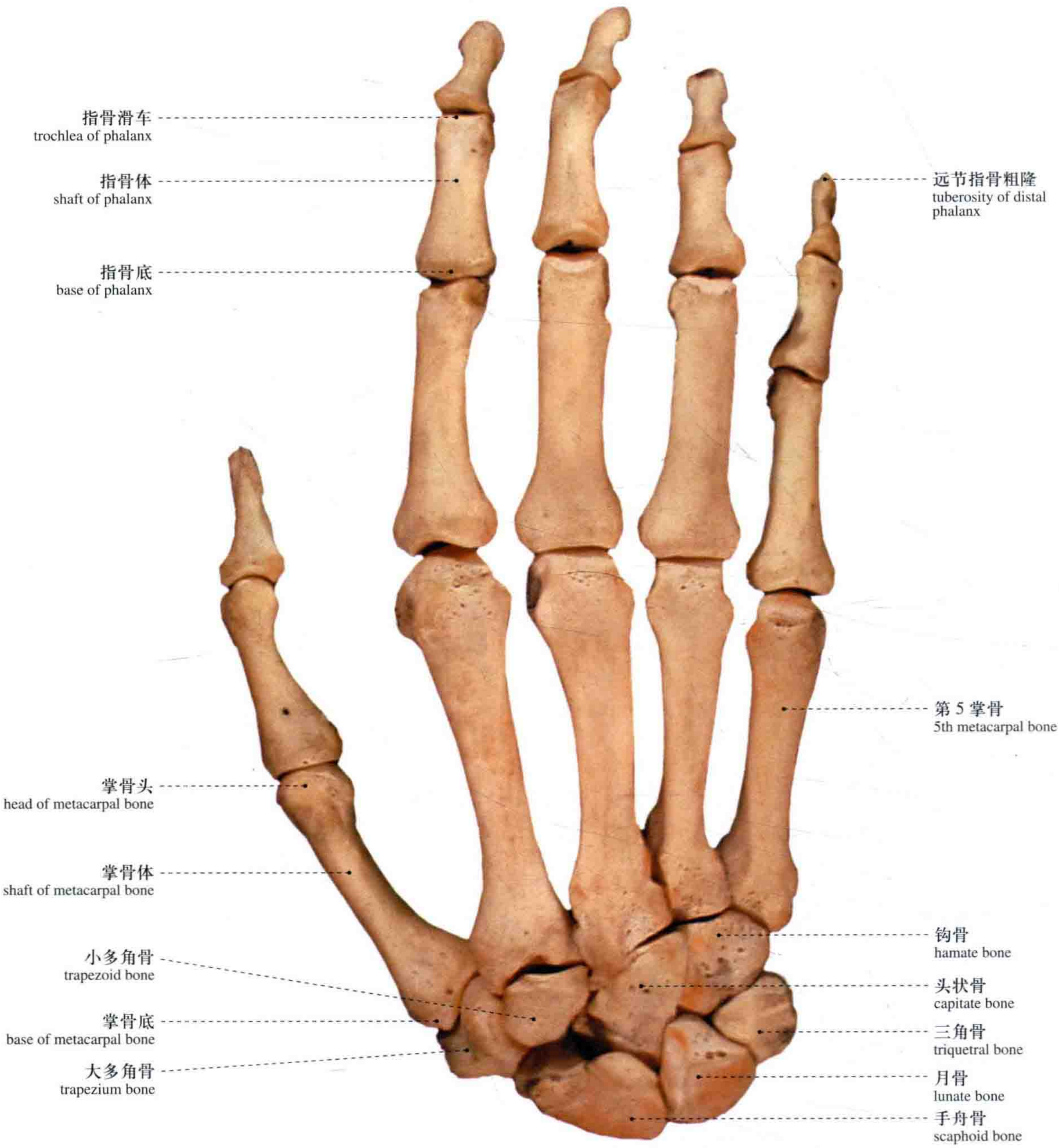


图 99　手骨（背面观）

Bones of the hand (dorsal aspect)



图 100 下肢骨（前面观）
Bones of the lower limb (anterior aspect)



图 101 下肢骨（后面观）
Bones of the lower limb (posterior aspect)

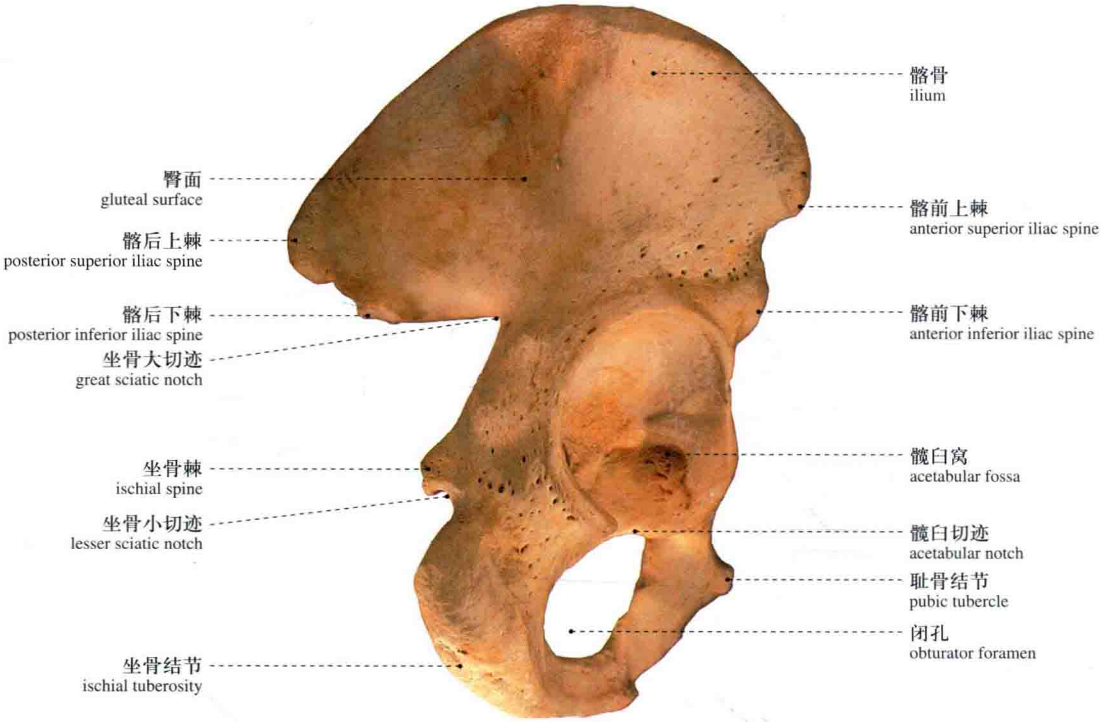


图 102　右髋骨（外侧面观）
Right hip bone (lateral aspect)

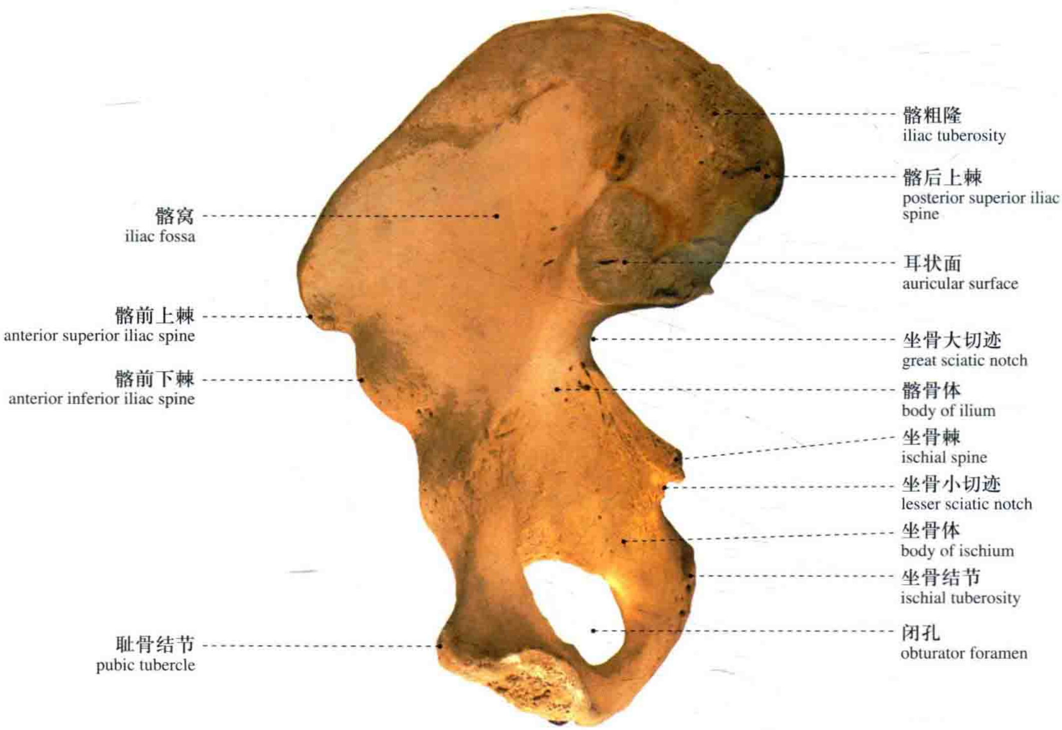


图 103　右髋骨（内侧面观）
Right hip bone (medial aspect)



图 104 股骨（前面观）
Femur (anterior aspect)

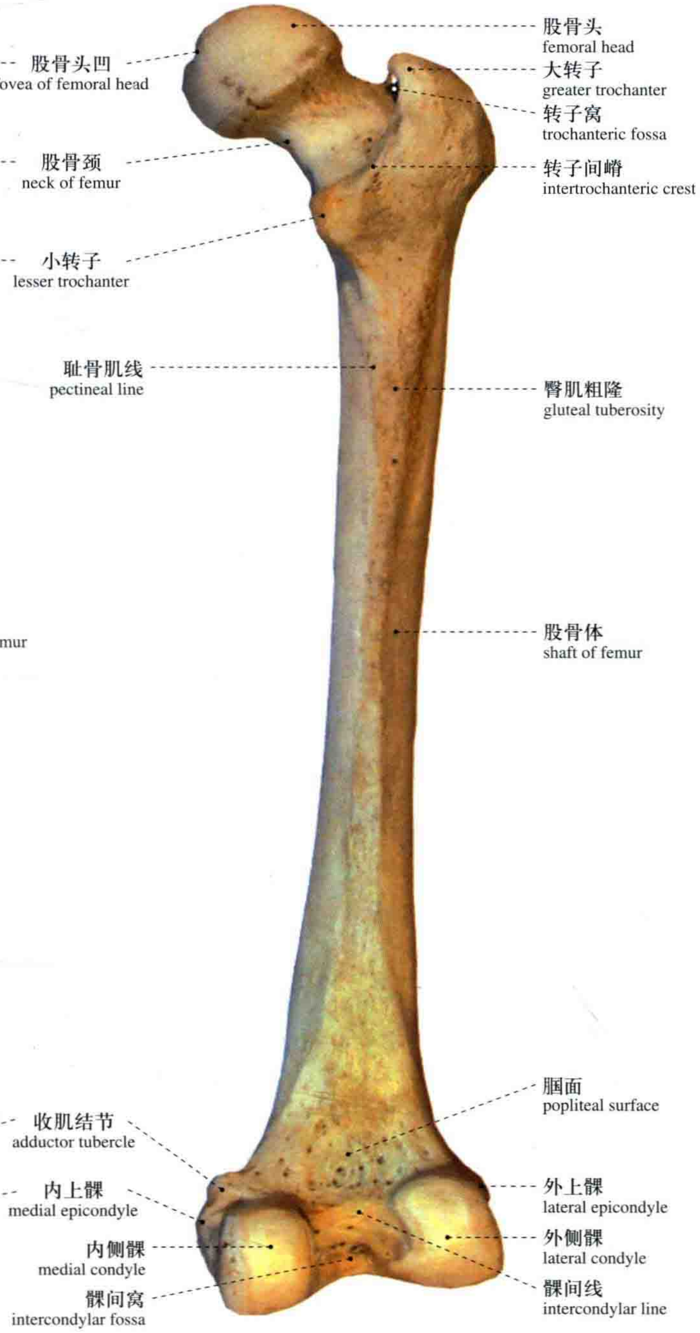


图 105 股骨（后面观）
Femur (posterior aspect)



图 106 胫、腓骨（前面观）

Tibia and the fibula (anterior aspect)

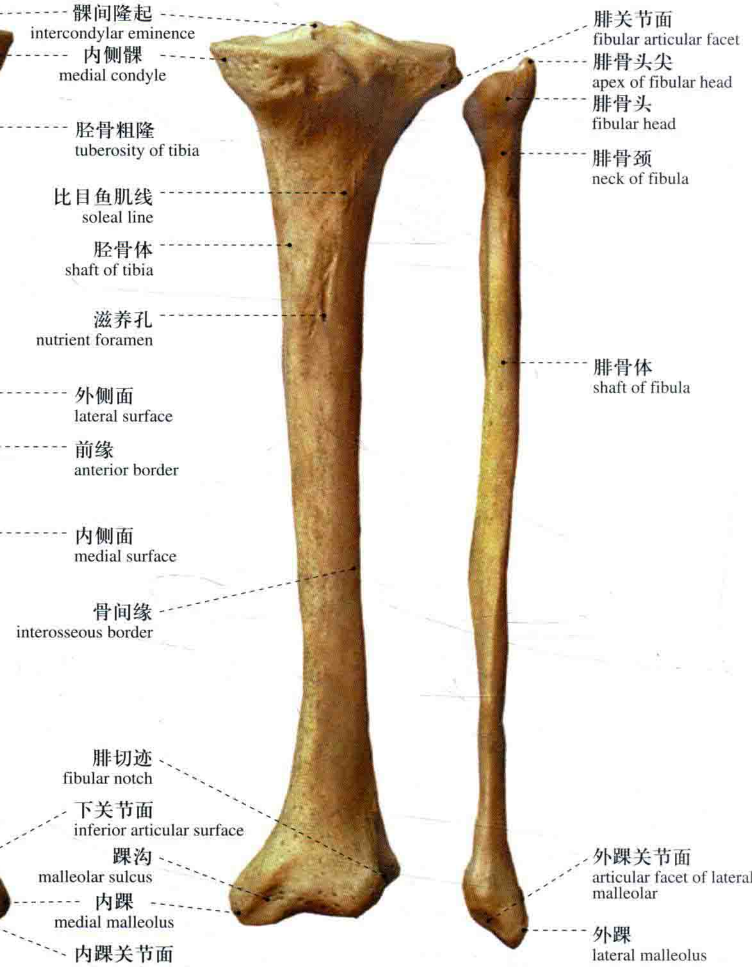


图 107 胫、腓骨（后面观）

Tibia and the fibula (posterior aspect)

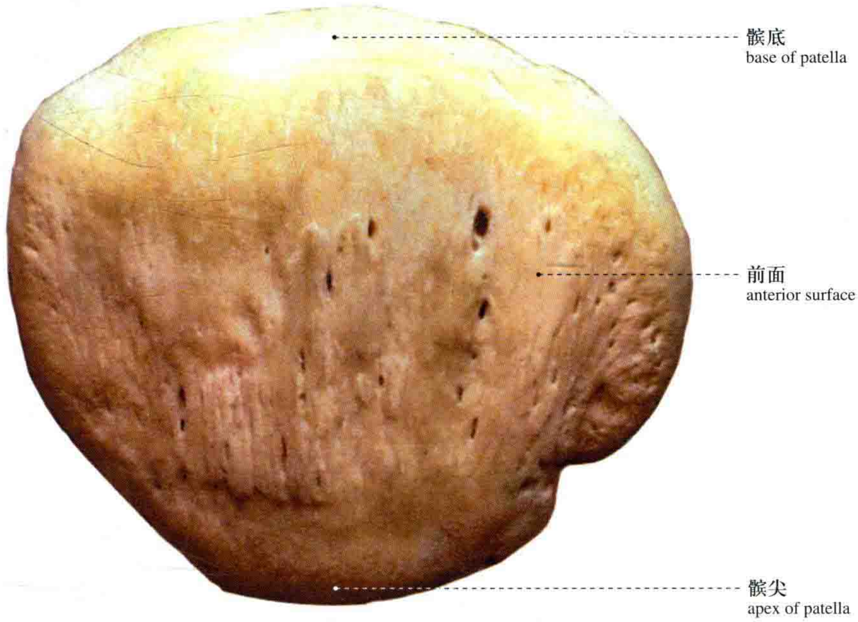


图 108　髌骨（前面观）
Patella (anterior aspect)

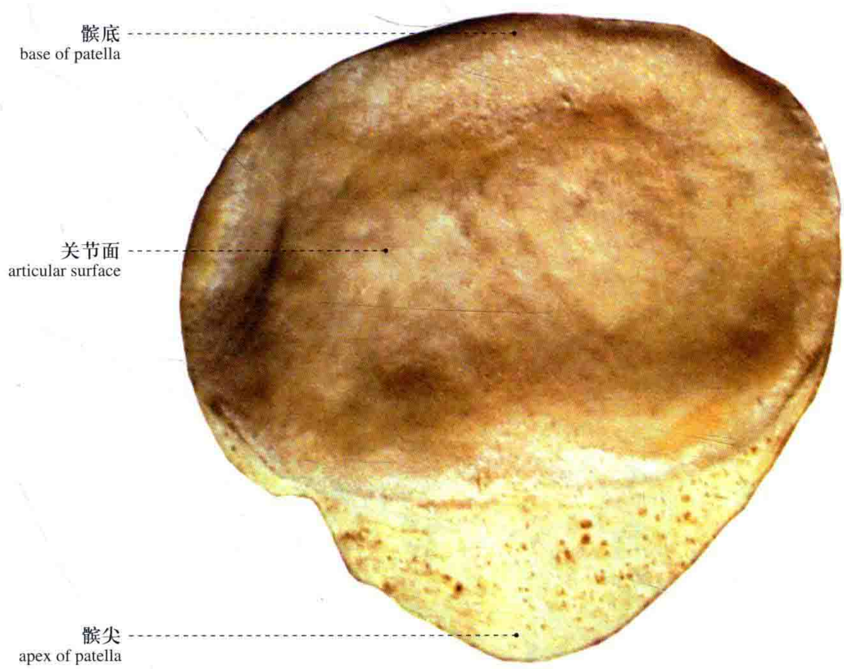


图 109　髌骨（后面观）
Patella (posterior aspect)

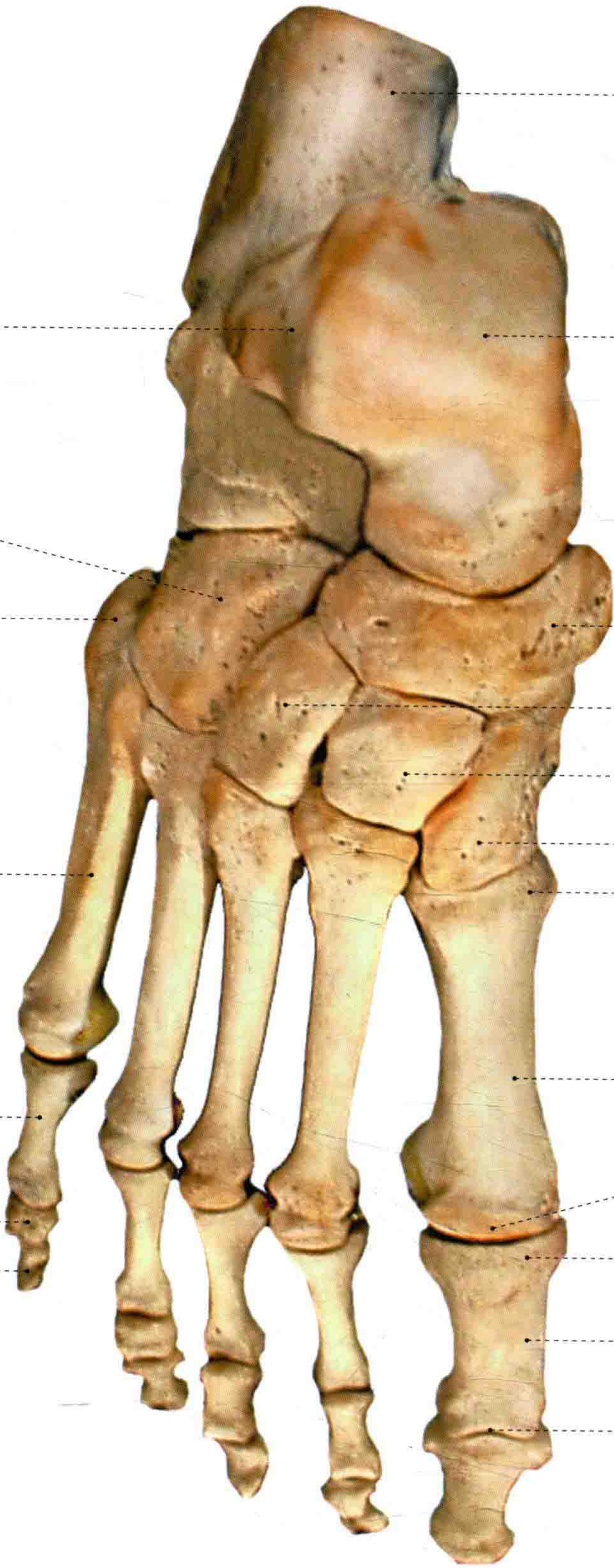


图 110　足骨（背面观）

Bones of the foot (dorsal aspect)

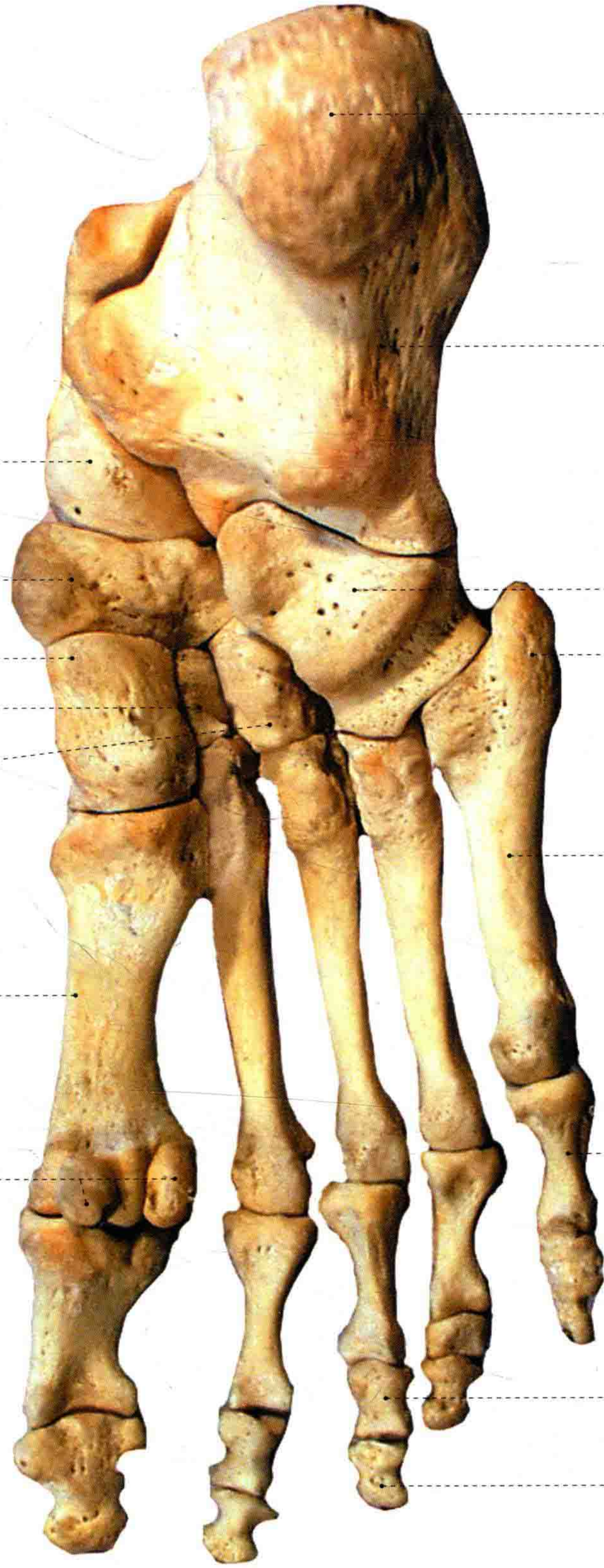


图 111　足骨（跖面观）

Bones of the foot (plantar aspect)

第一节

骨连结的方式

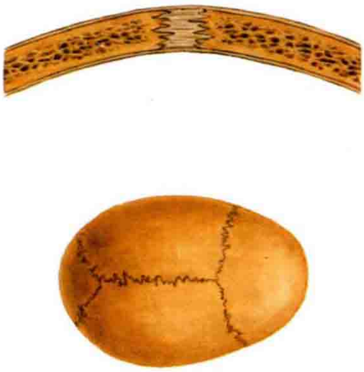


图 112 纤维连结（颅的缝）
Fibrous joint (suture)

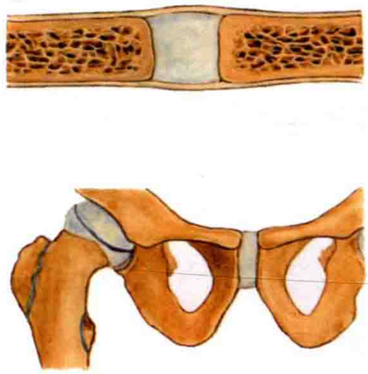


图 113 软骨连结（耻骨联合）
Cartilaginous joint (pubic symphysis)



图 114 骨性结合（融合骶骨）
Synostoses (fused sacrum)

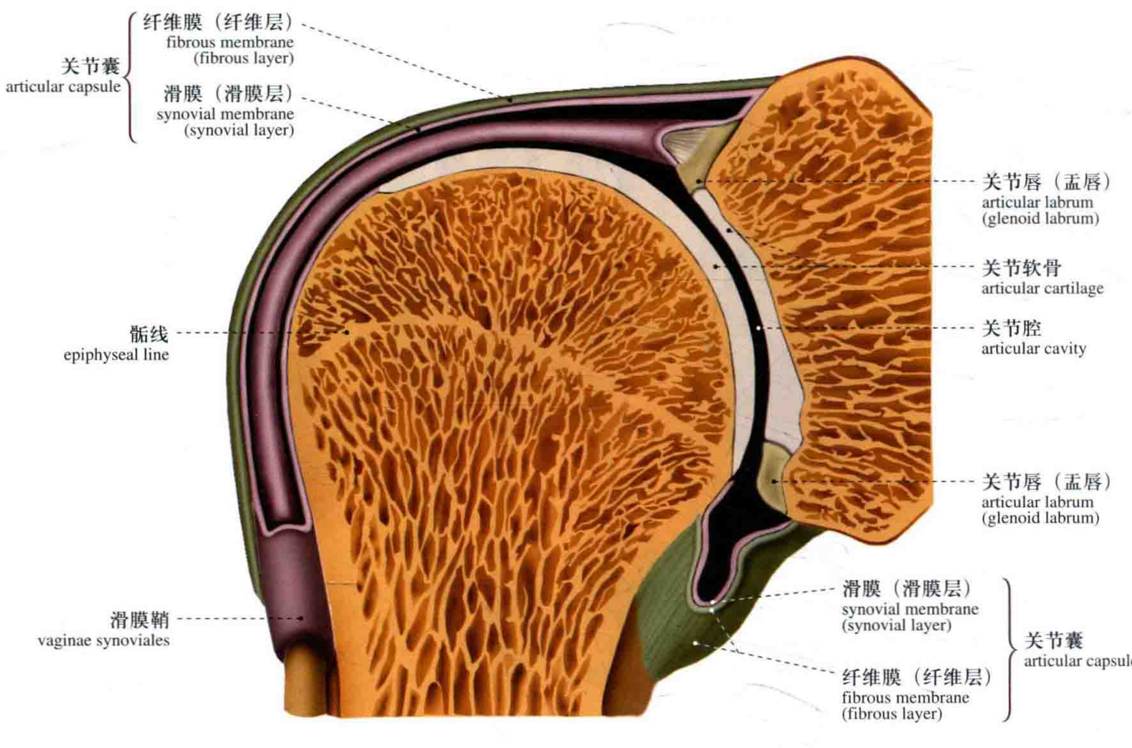


图 115 滑膜关节
Synovial joint

第二节

中轴骨的连结

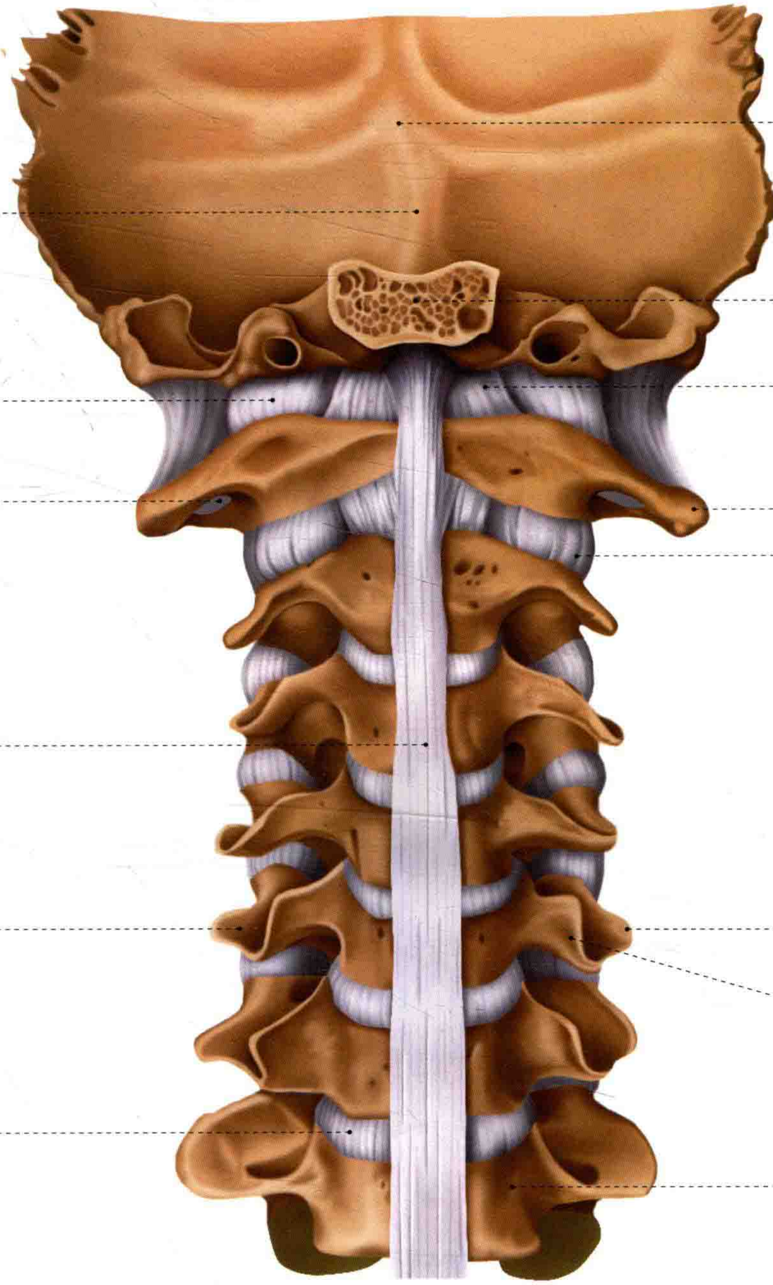


图 116　颈椎的韧带（前面观）
Ligaments of the cervical vertebrae (anterior aspect)

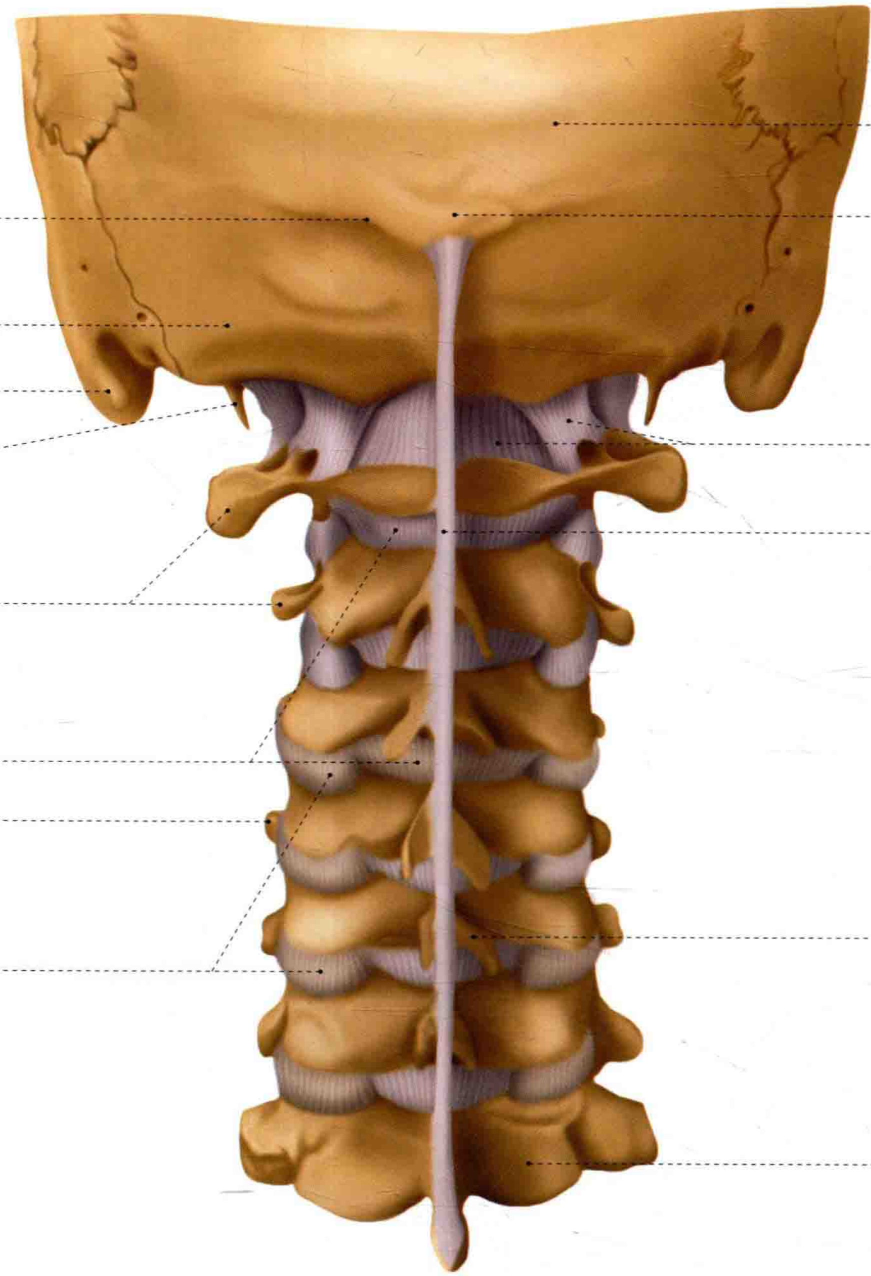


图 117　颈椎的韧带（后面观）
Ligaments of the cervical vertebrae (posterior aspect)

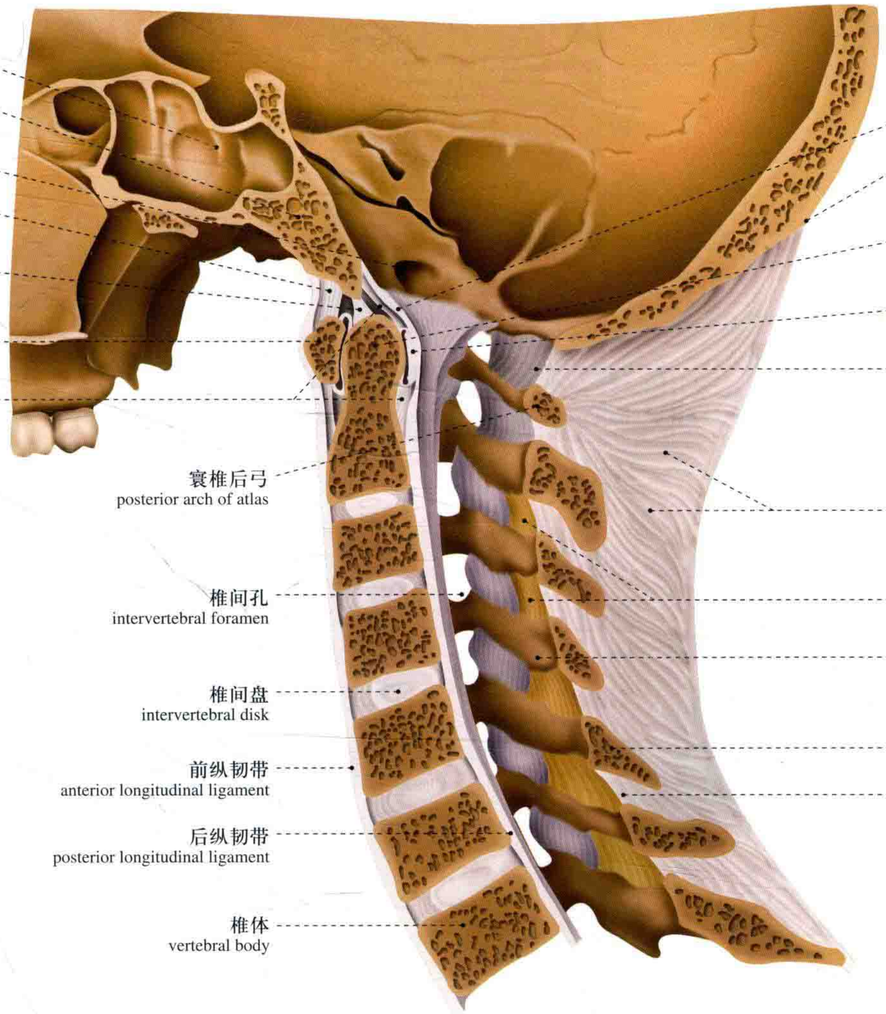


图 118　颈椎的韧带（侧面观）

Ligaments of the cervical vertebrae (lateral aspect)

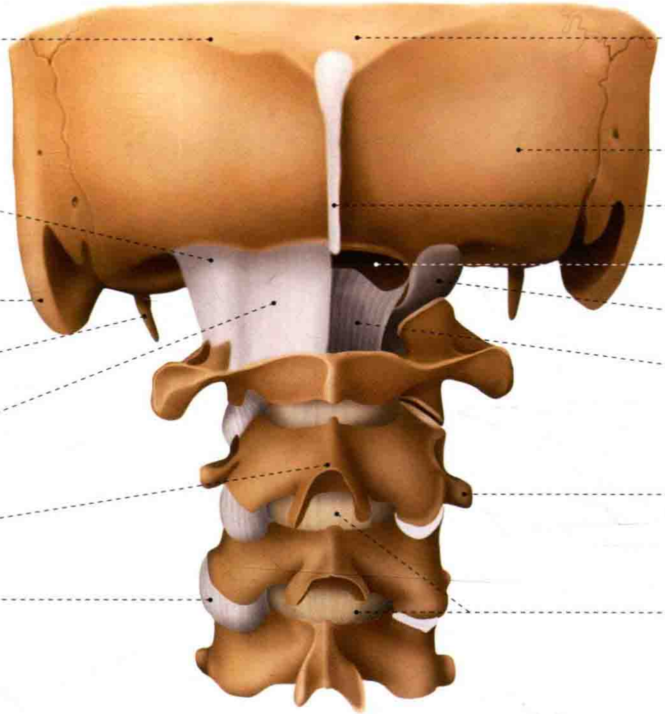


图 119　上部颈椎的韧带（后面观 1）

Ligaments of the upper cervical spine (posterior aspect 1)

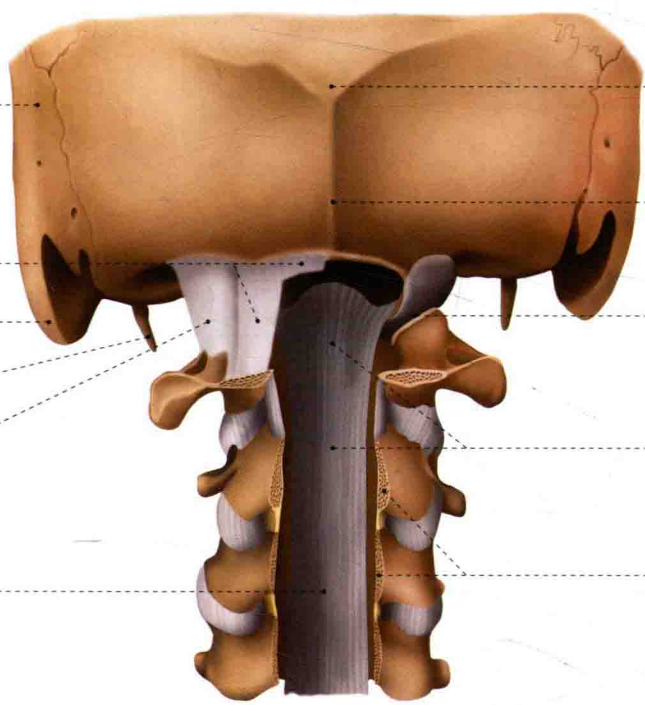


图 120　上部颈椎的韧带（后面观 2）

Ligaments of the upper cervical spine (posterior aspect 2)

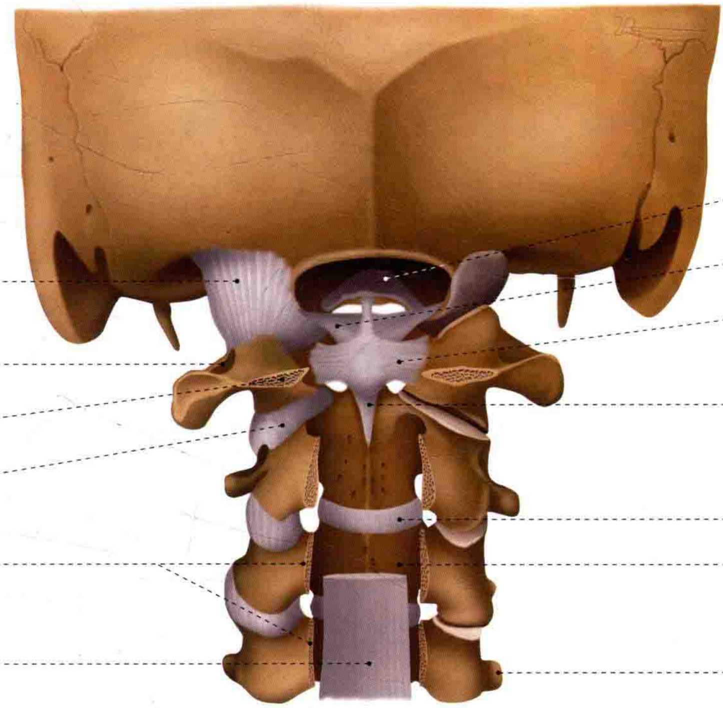


图 121　上部颈椎的韧带（后面观 3）

Ligaments of the upper cervical spine (posterior aspect 3)

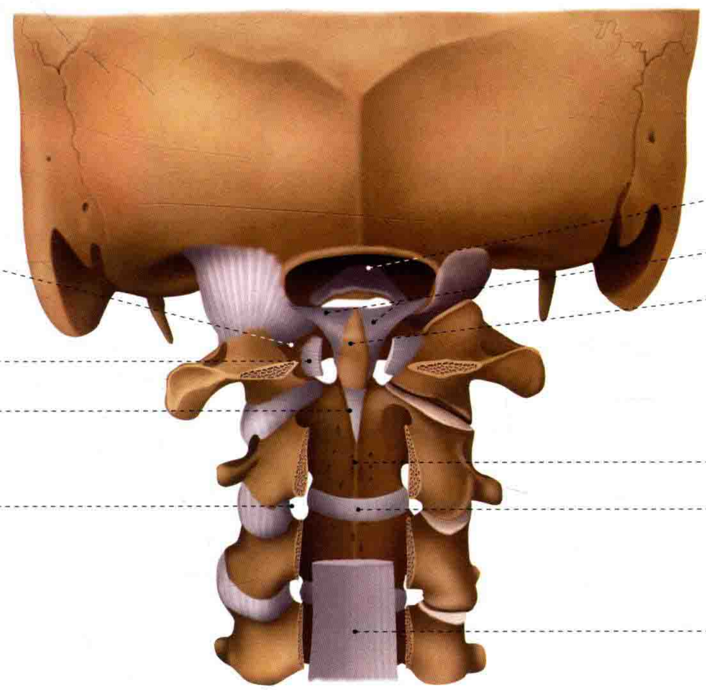


图 122　上部颈椎的韧带（后面观 4）

Ligaments of the upper cervical spine (posterior aspect 4)

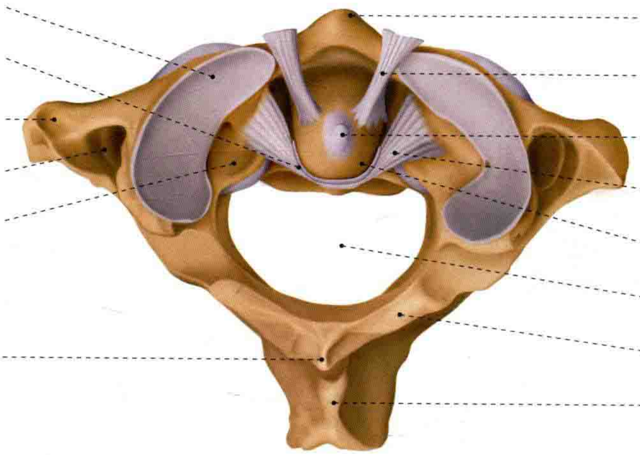


图 123　寰枢正中关节韧带

Ligaments of the median atlanto-axial joint

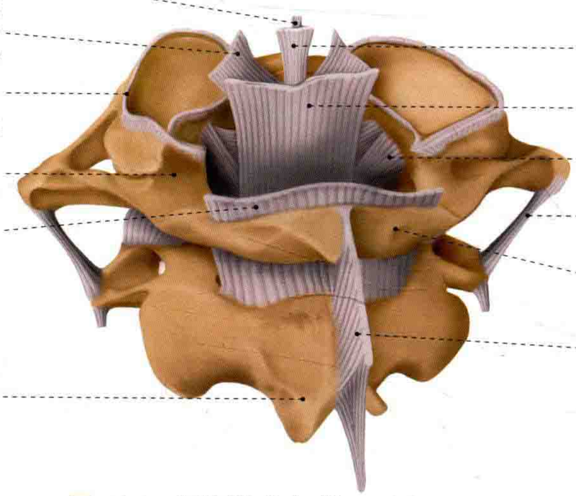


图 124　颅颈关节韧带（后上面观）

Ligaments of the craniovertebral joints (posterosuperior aspect)

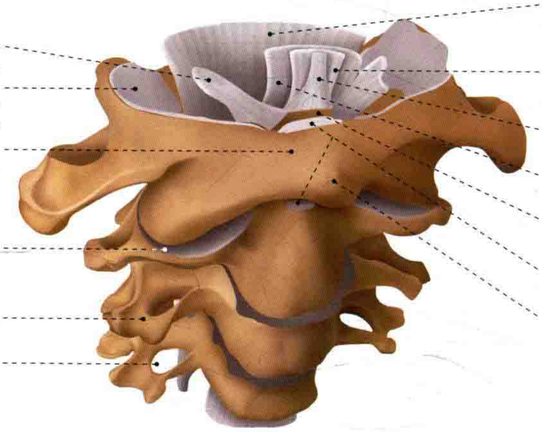


图 125　颅颈关节韧带（前上面观）

Ligaments of the craniovertebral joints (antersuperior aspect)

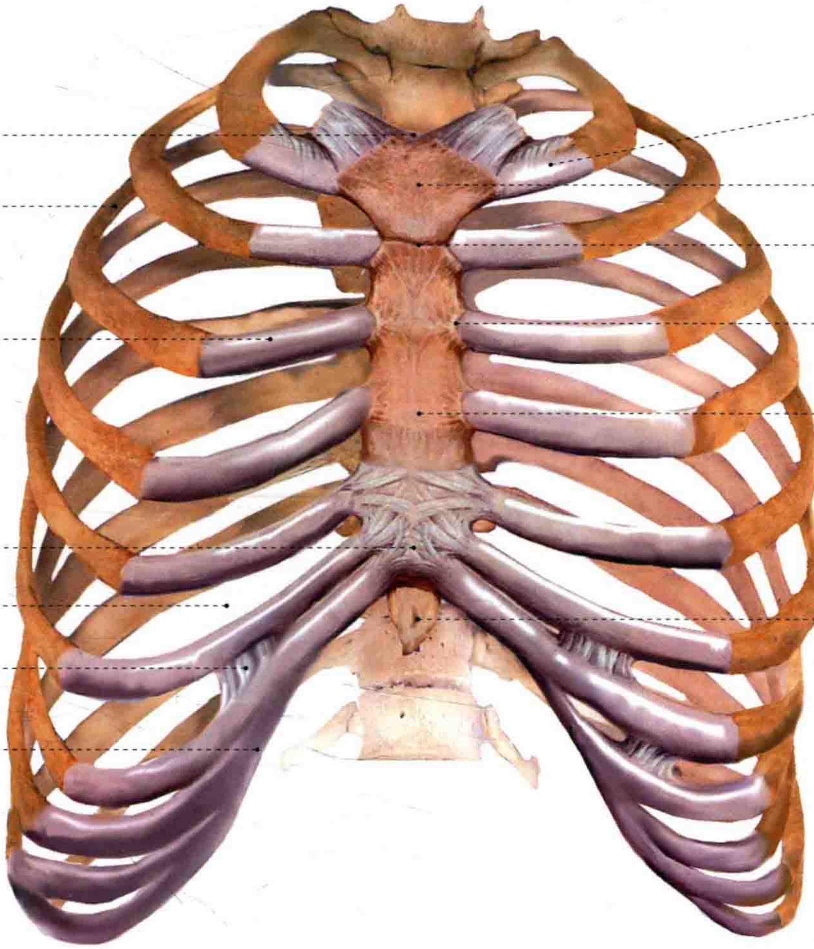


图 126 **胸肋关节（前面观）**
Sternocostal joints (anterior aspect)

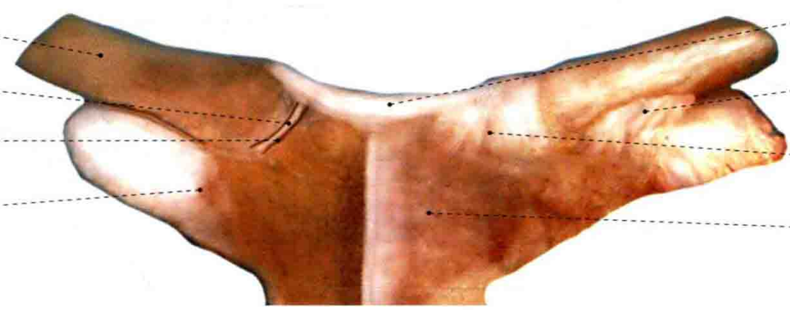


图 127 **胸锁关节和第 1 肋胸肋结合（前面观）**
Sternoclavicular joint and the sternocostal synchondrosis of the 1st rib (anterior aspect)

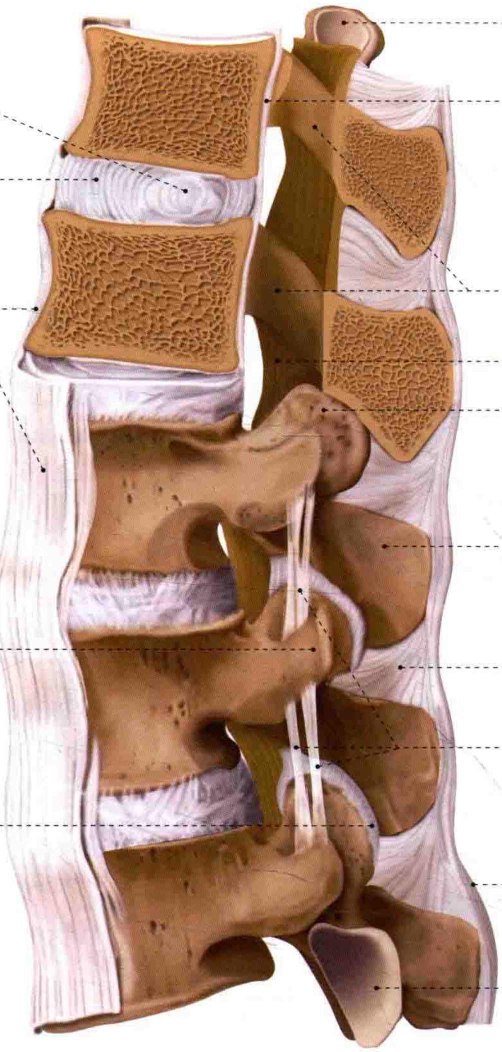


图 128　腰椎周围的韧带（侧面观）

Ligaments surrounding the lumbar spine (lateral aspect)

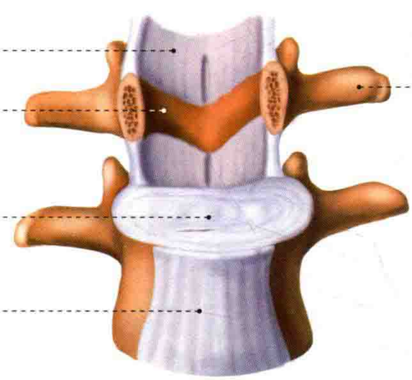


图 129　椎骨间的连结（前面观）

Intervertebral joints (anterior aspect)

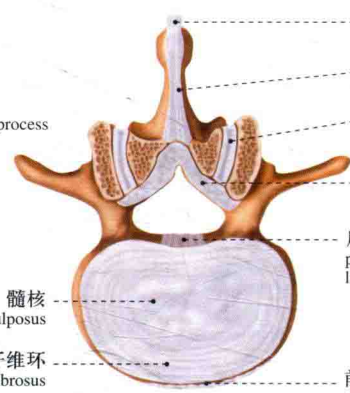


图 130　椎间盘（上面观）

Intervertebral discs (superior aspect)

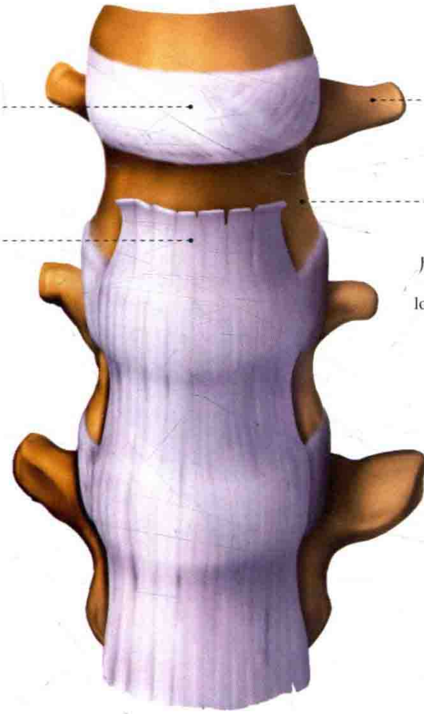


图 131 前纵韧带（前面观）

Anterior longitudinal ligament (anterior aspect)

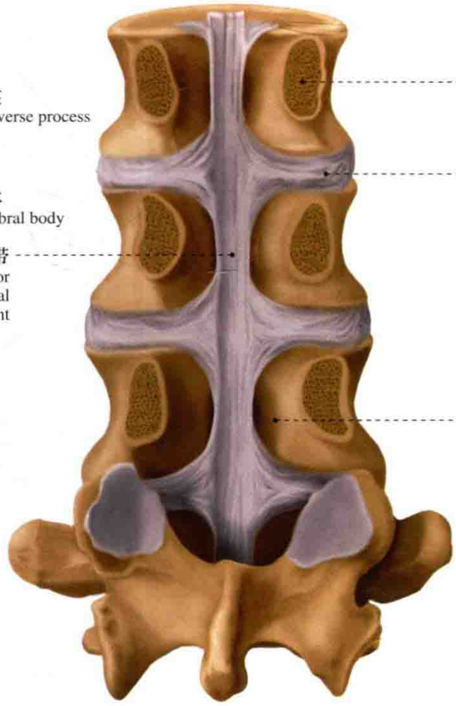


图 132 后纵韧带（后面观）

Posterior longitudinal ligament (posterior aspect)



图 133 黄韧带和横突间韧带（前面观）

Ligamenta flava and intertransverse ligaments (anterior aspect)

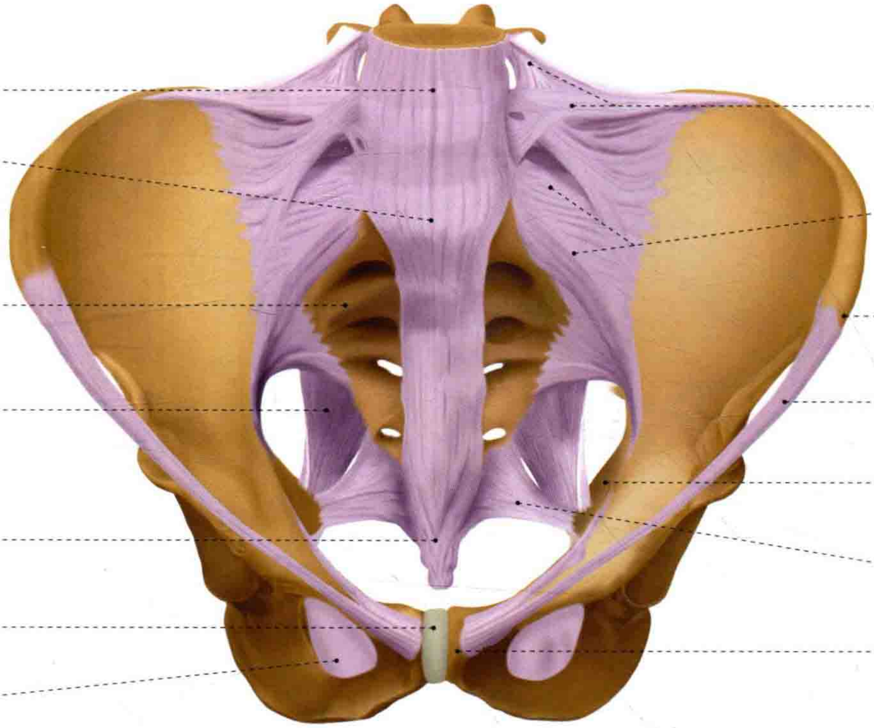


图 134　**骨盆韧带（上面观）**

Ligaments of the pelvic (superior aspect)

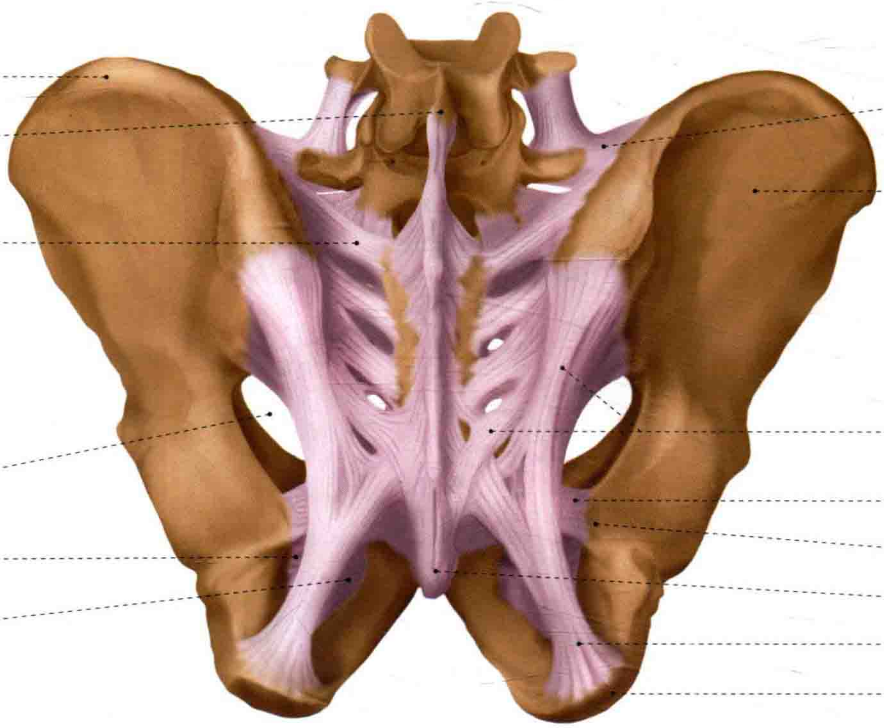


图 135　**骨盆韧带（后面观）**

Ligaments of the pelvic (posterior aspect)

第三节

附肢骨的连结

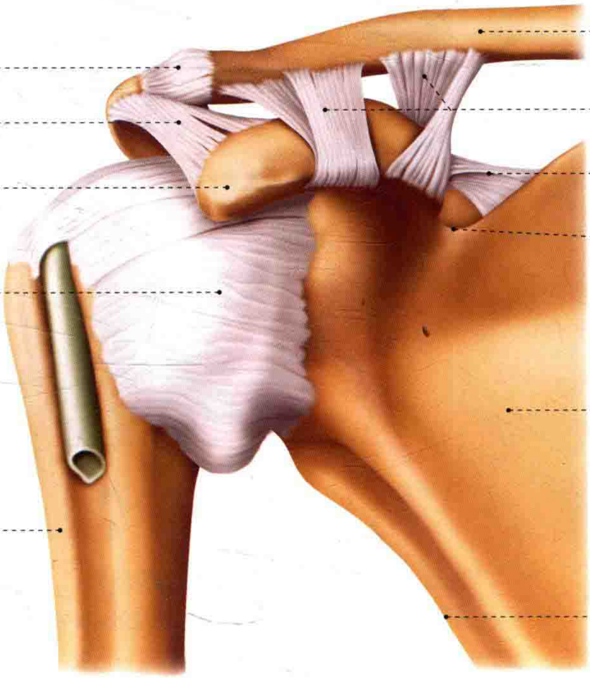


图 136 肩关节韧带（前面观 1）
Ligaments of the shoulder joint (anterior aspect 1)

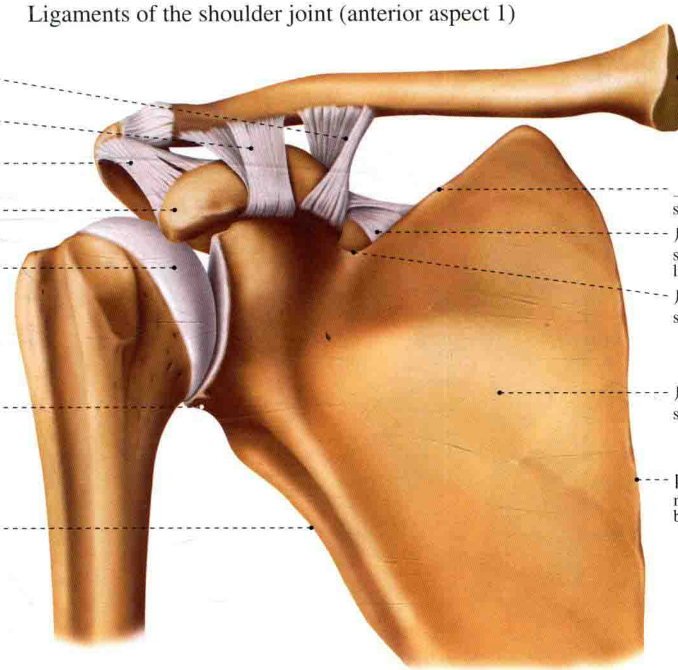


图 137 肩关节韧带（前面观 2）
Ligaments of the shoulder joint (anterior aspect 2)

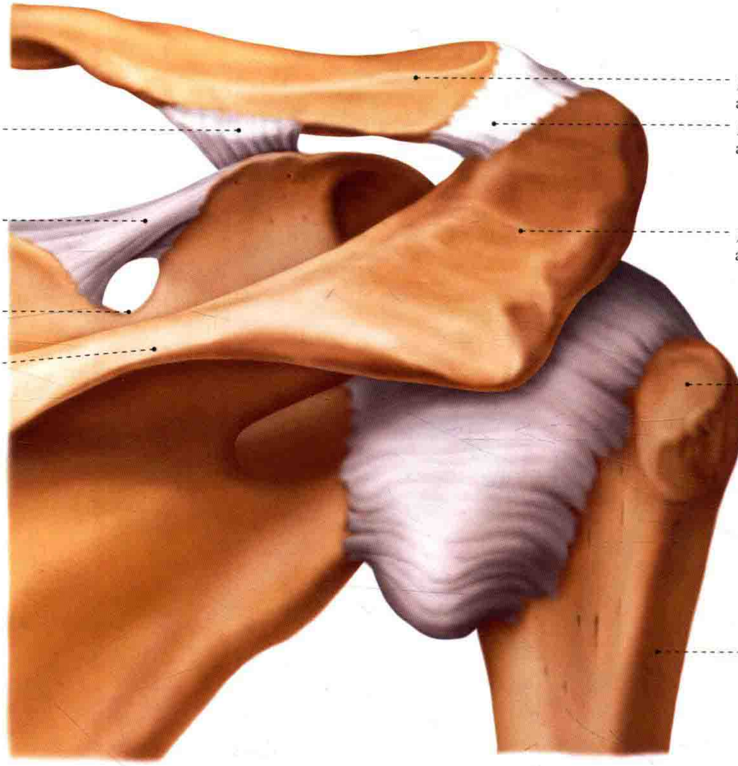


图 138　**肩关节韧带（后面观）**

Ligaments of the shoulder joint (posterior aspect)

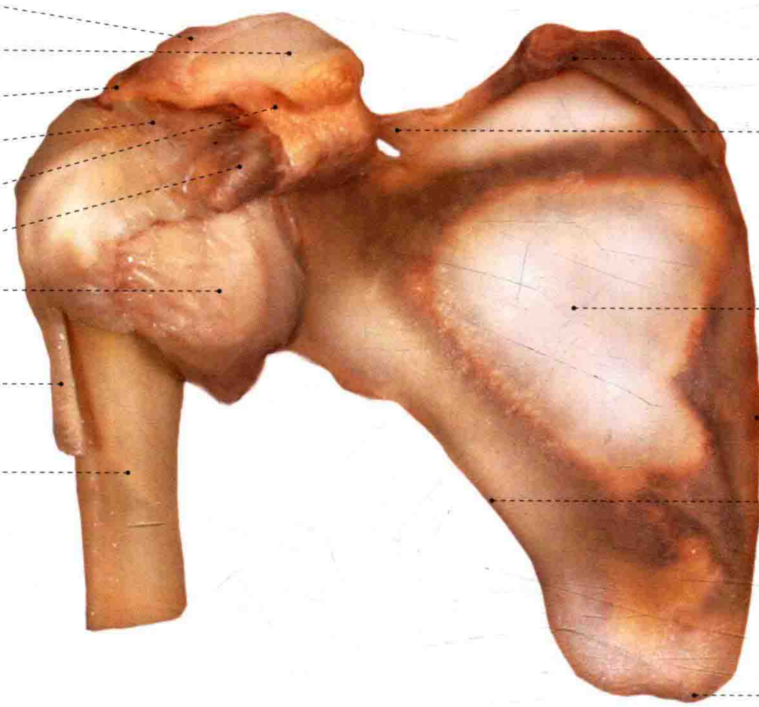


图 139　**肩关节（前面观）**

Shoulder joint (anterior aspect)

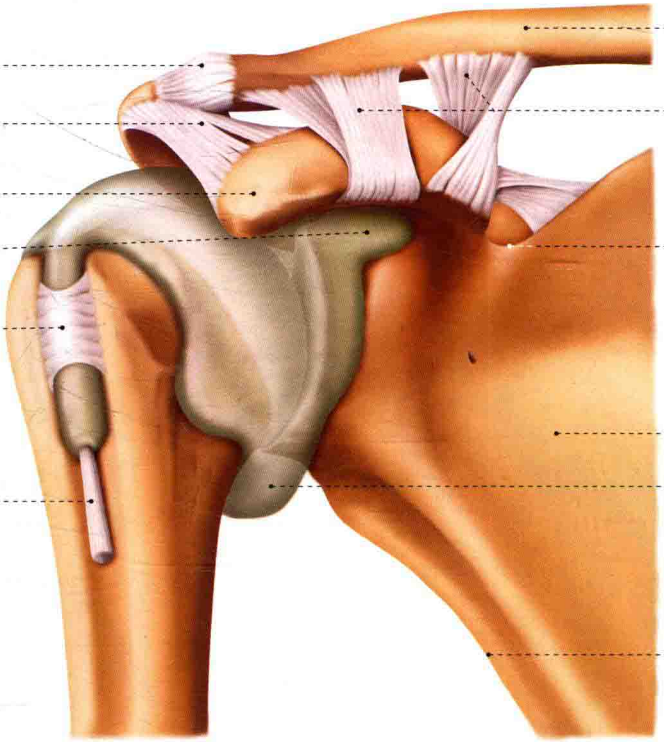


图 140 肩关节滑液囊（前面观）

Bursa synovialis of the shoulder joint (anterior aspect)

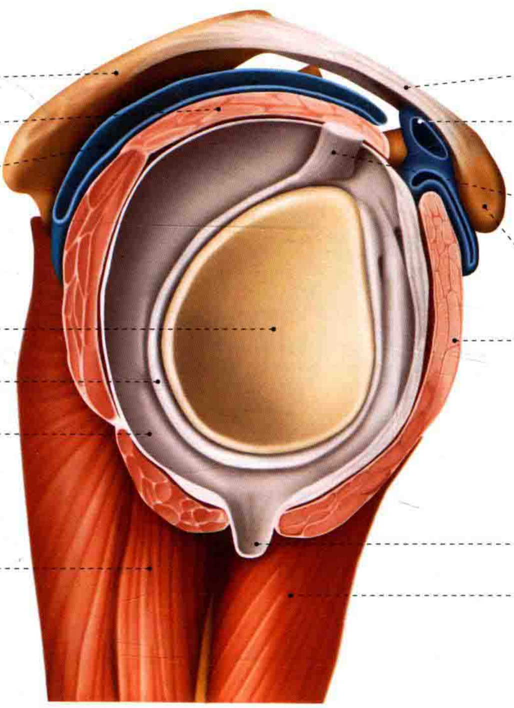


图 141 肩关节面（外侧面观）

Articular surface of the shoulder joint (lateral aspect)

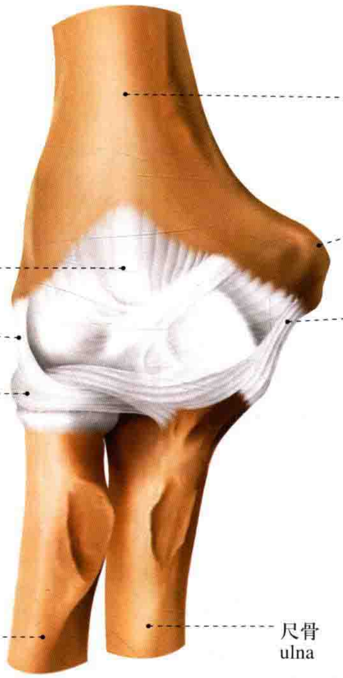


图 142 肘关节（前面观）
Elbow joint (anterior aspect)

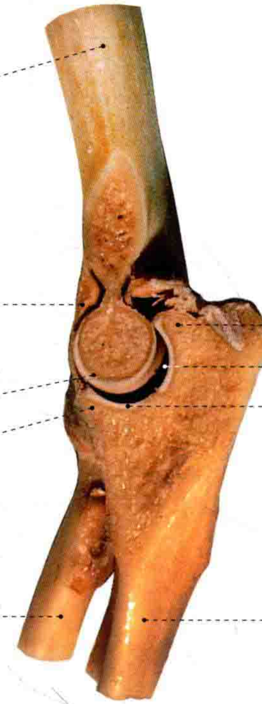


图 143 肘关节（矢状断面）
Elbow joint (sagittal section)

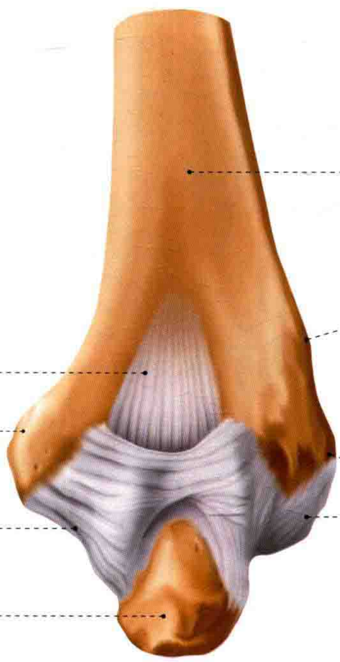


图 144 肘关节（后面观 1）
Elbow joint (posterior aspect 1)

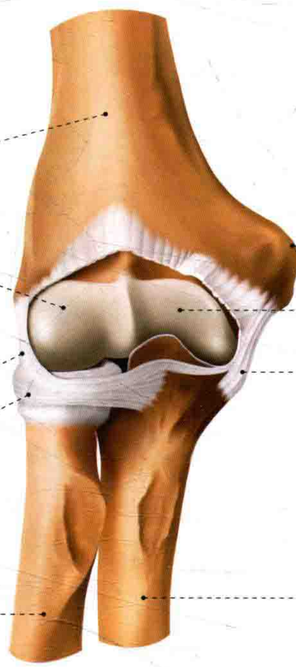


图 145 肘关节（后面观 2）
Elbow joint (posterior aspect 2)

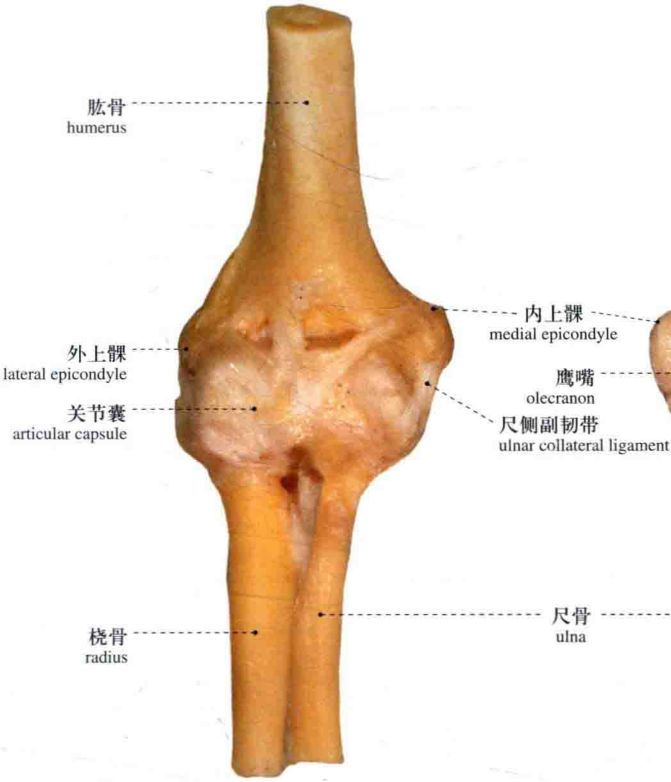


图 146　肘关节局部解剖（前面观）
Topography of the elbow joint (anterior aspect)

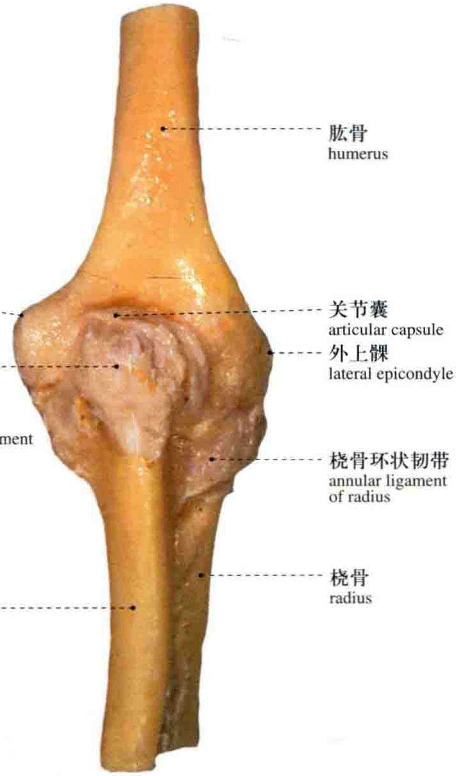


图 147　肘关节局部解剖（后面观）
Topography of the elbow joint (posterior aspect)

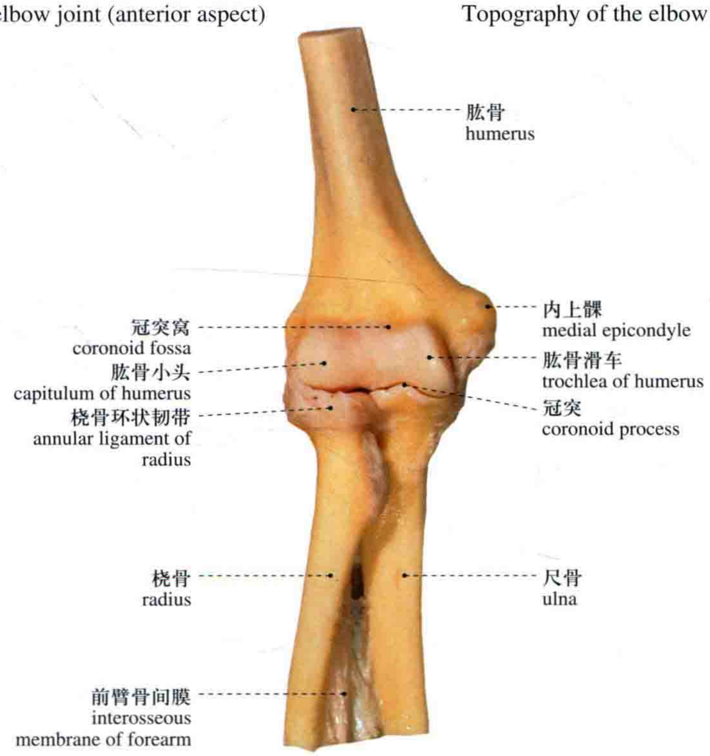


图 148　肘关节局部解剖（囊切开）
Topography of the elbow joint (capsule opened)

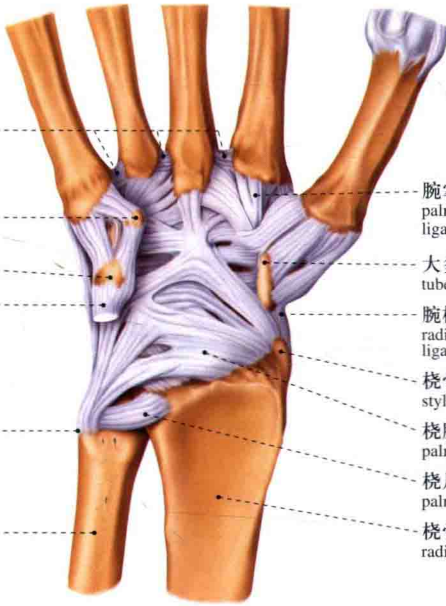


图 149　腕关节韧带（掌面观）

Ligaments of the carpal joint (palmar aspect)

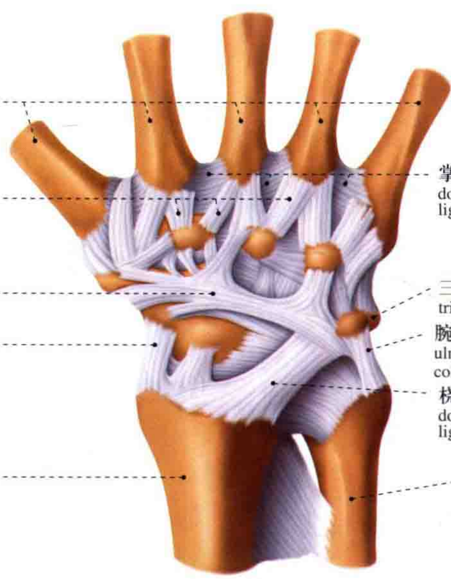


图 150　腕关节韧带（背面观）

Ligaments of the carpal joint (dorsal aspect)

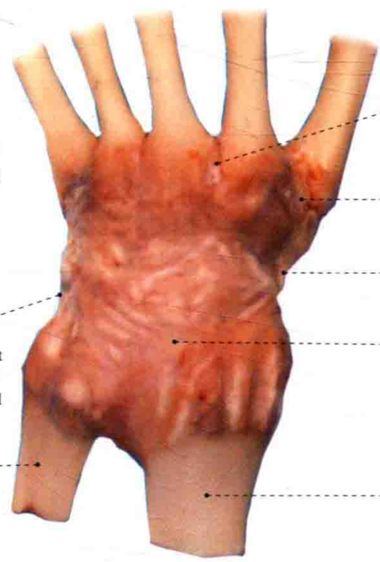


图 151　腕关节韧带局部解剖（背面观）

Topography of the ligaments of the carpal joint (dorsal aspect)

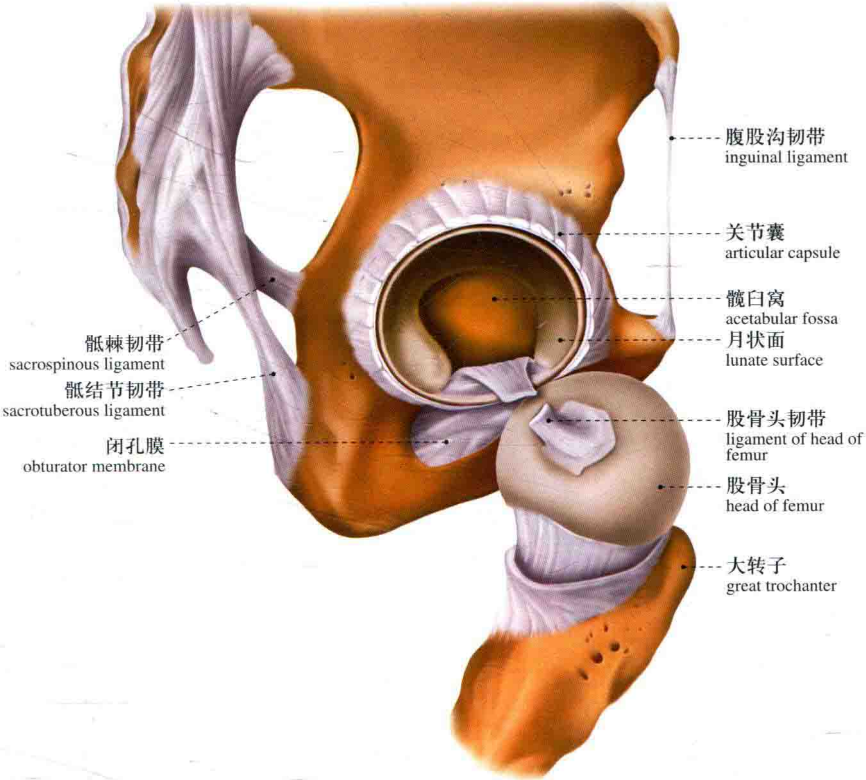


图 152 髋关节（内面观）
Hip joint (internal aspect)



图 153 髋关节囊（前面观）
Capsule of the hip joint (anterior aspect)

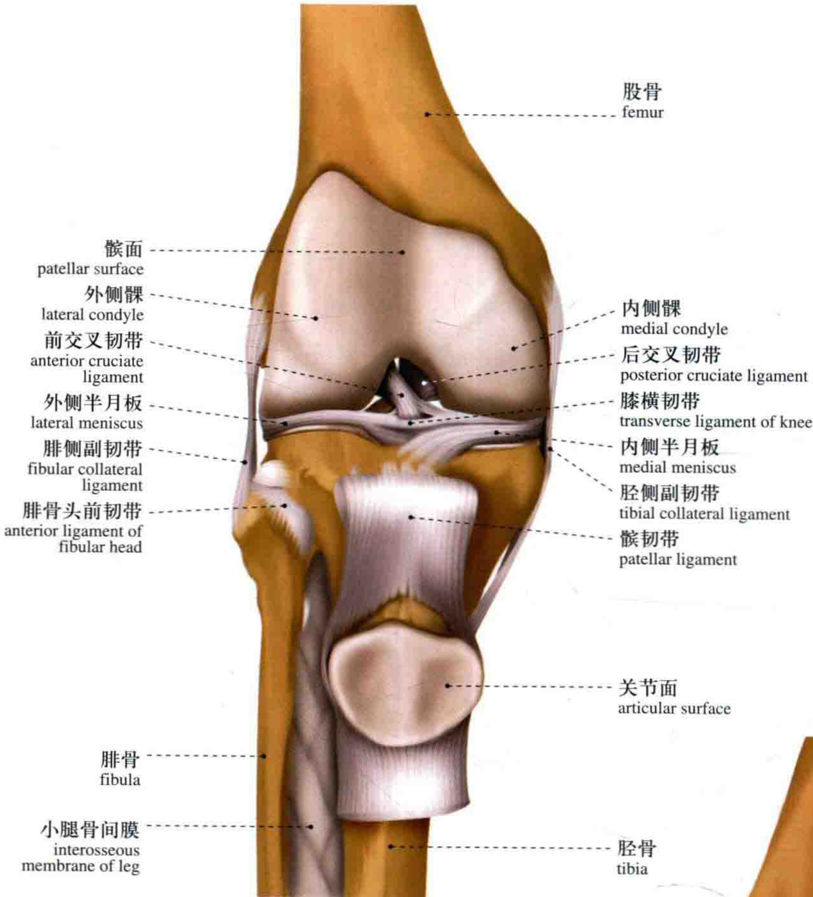


图 154 膝关节交叉韧带（前面观）

Cruciate ligament of the knee joint (anterior aspect)

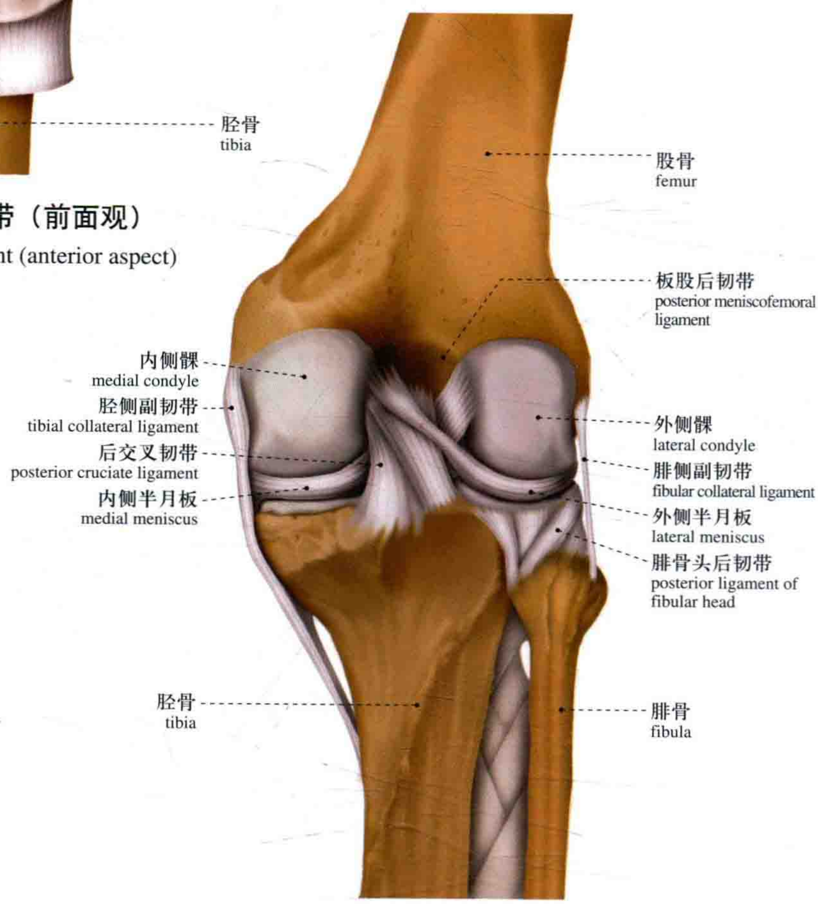


图 155 膝关节交叉韧带（后面观）

Cruciate ligament of the knee joint (posterior aspect)

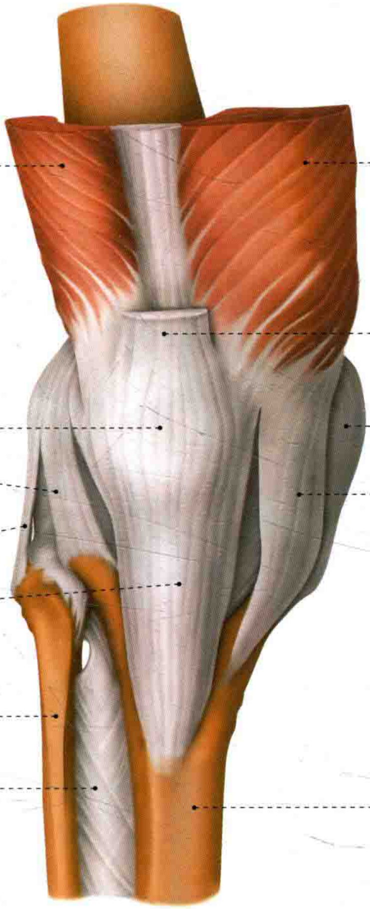


图 156 **膝关节囊和韧带（前面观）**

Capsula and ligaments of the knee joint (anterior aspect)

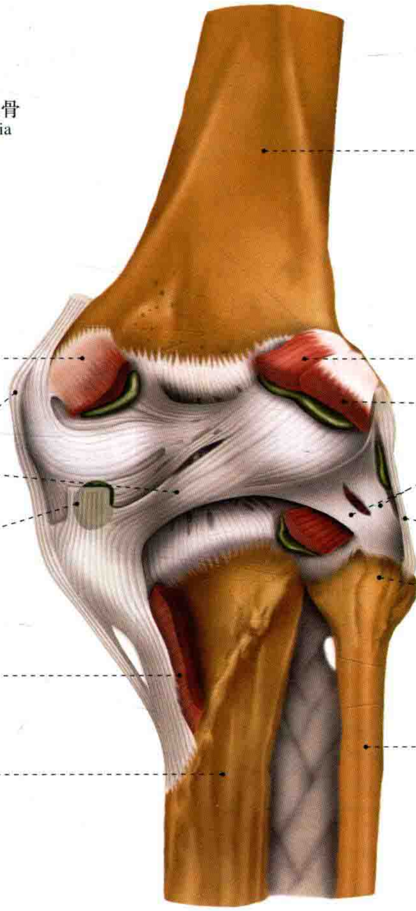


图 157 **膝关节囊和韧带（后面观）**

Capsula and ligaments of the knee joint (posterior aspect)

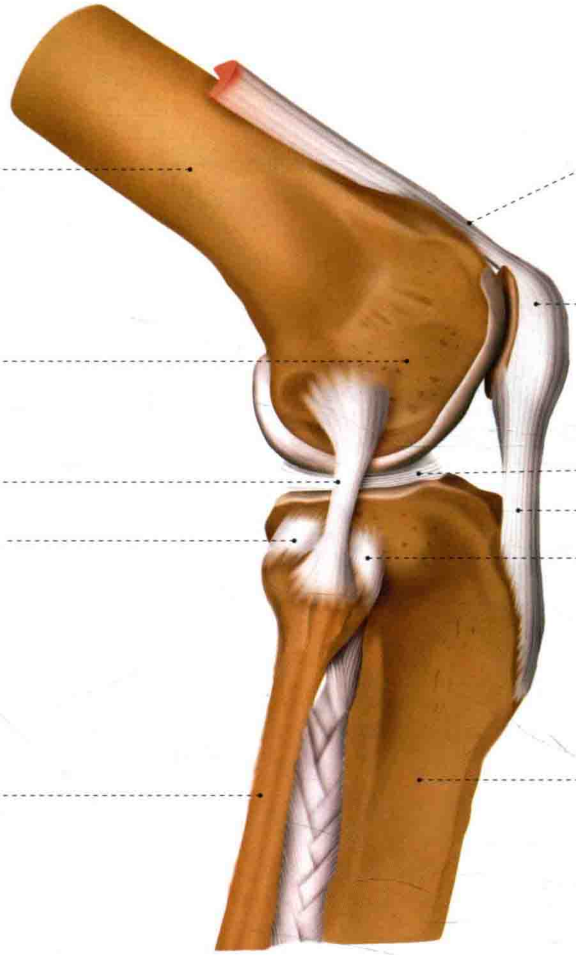


图 158　膝关节韧带（外侧面观）
Ligaments of the knee joint (lateral aspect)

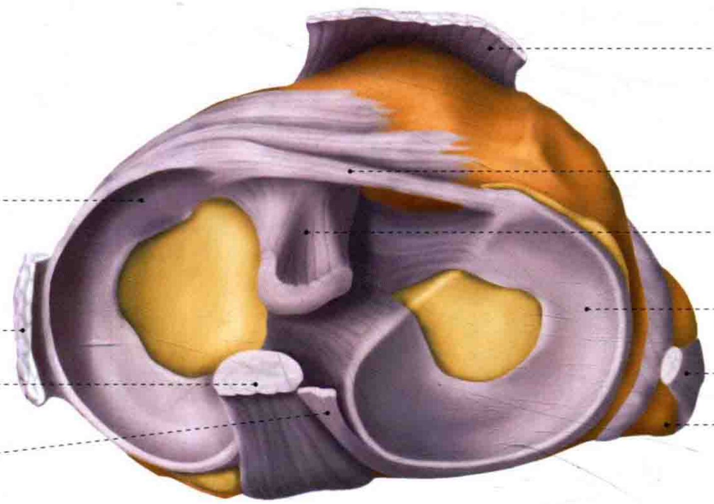


图 159　膝关节半月板（上面观）
Meniscus of the knee joint (superior aspect)



图 160　足的关节和韧带（外侧面观）
Joints and ligaments of the foot (lateral aspect)



图 161　足的关节和韧带（后面观）
Joints and ligaments of the foot (posterior aspect)

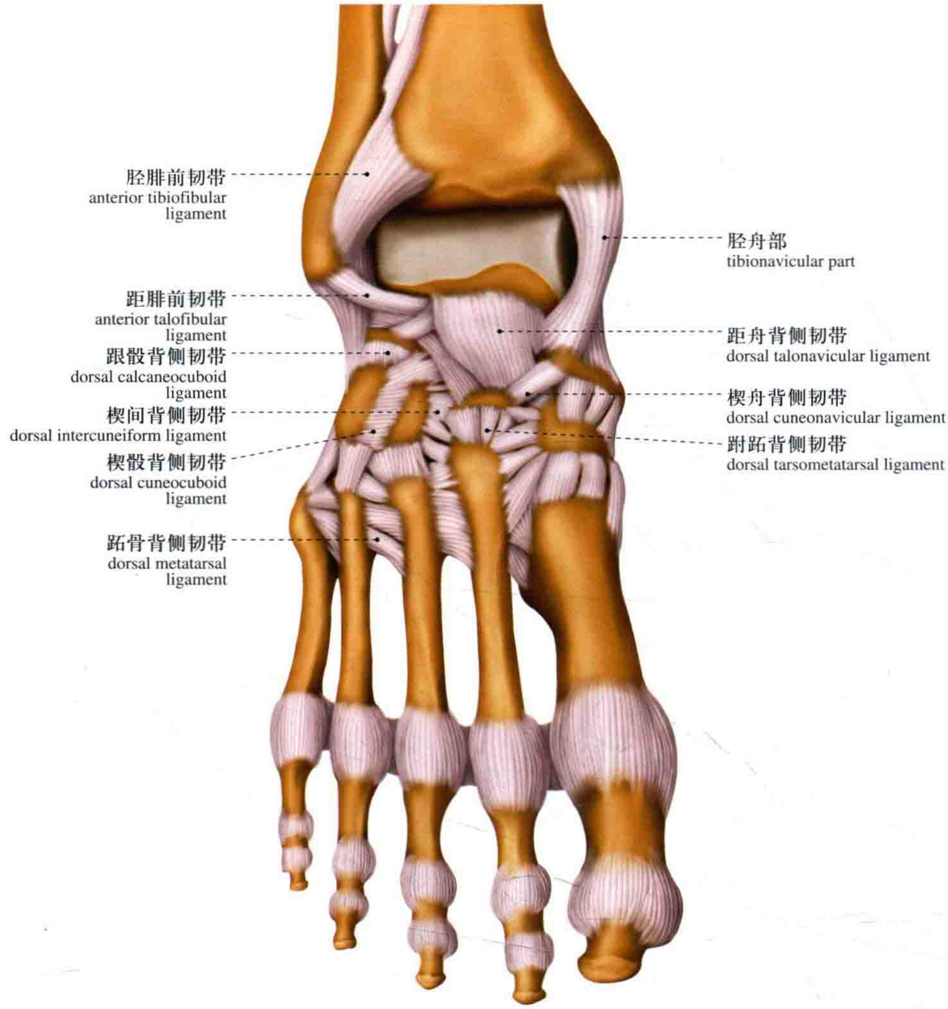


图 162　足的关节和韧带（背面观）
Joints and ligaments of the foot (dorsal aspect)



图 163　足的关节和韧带（内侧面观）
Joints and ligaments of the foot (medial aspect)

第一节

全身肌肉

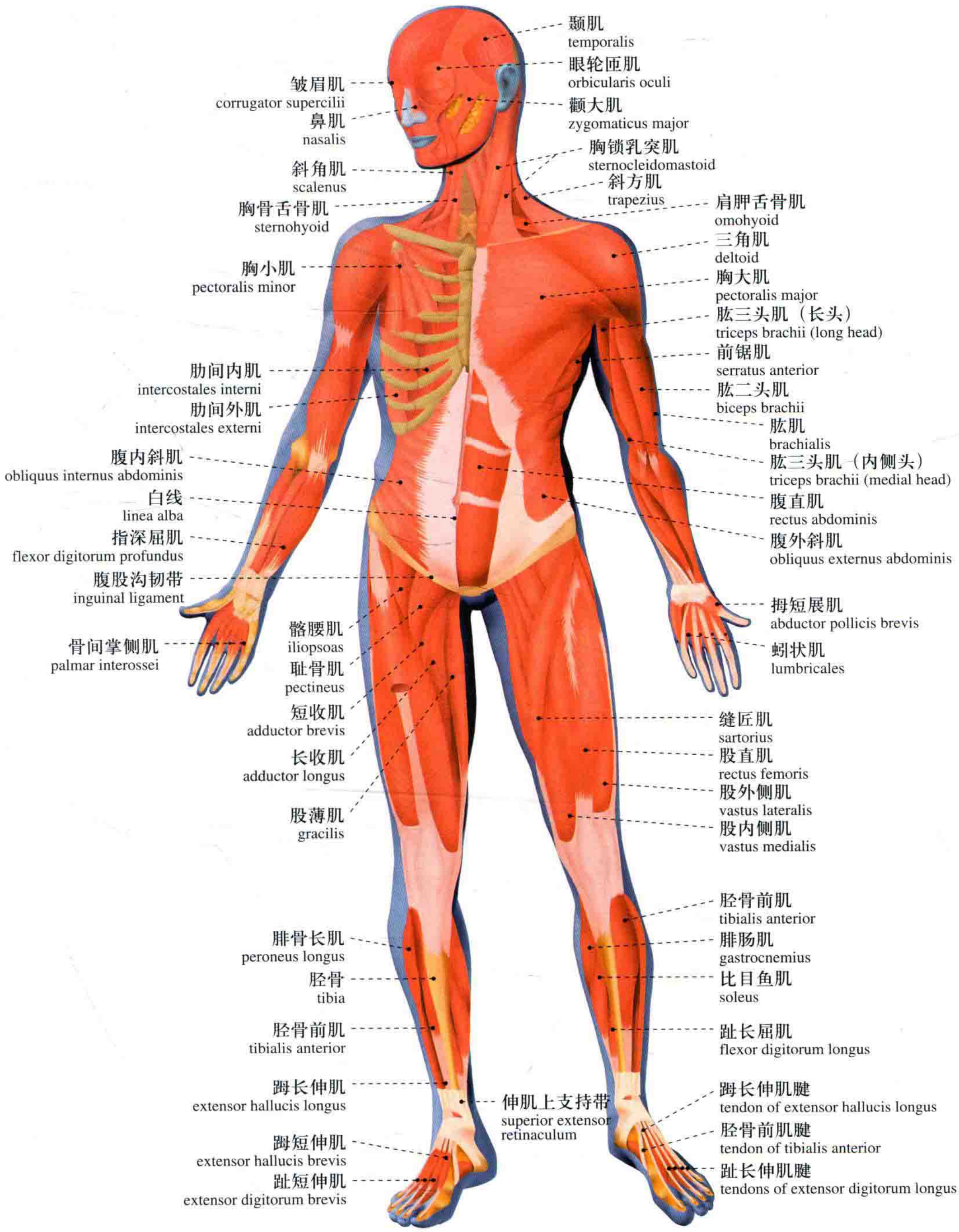


图 164 全身肌肉（前面观）

Muscles of the body (anterior aspect)

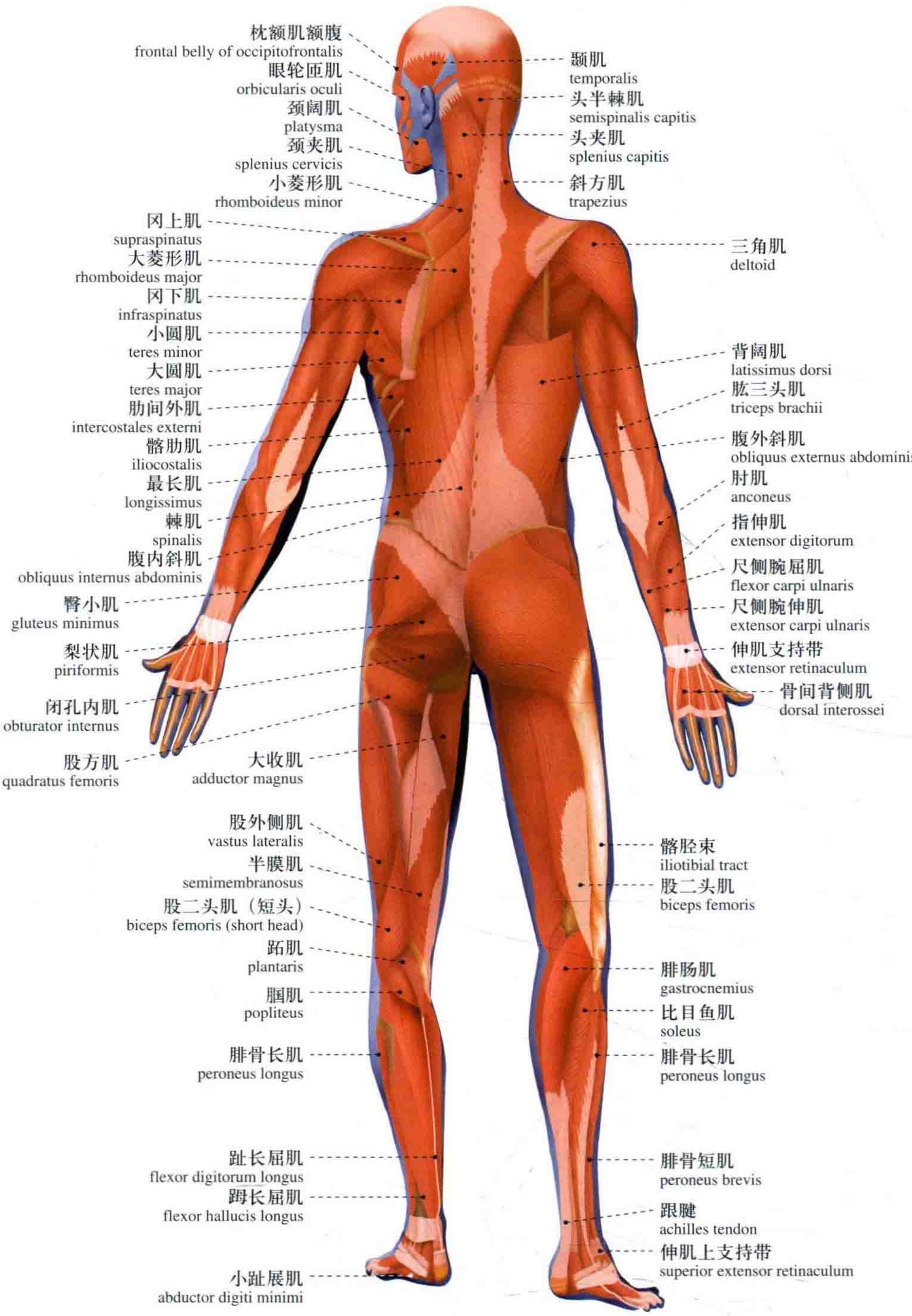


图 165　**全身肌肉（后面观）**

Muscles of the body (posterior aspect)

第二节

肌的各种形态



图 166 肌的类型

Class-shaped muscles

第三节

肌肉的构造

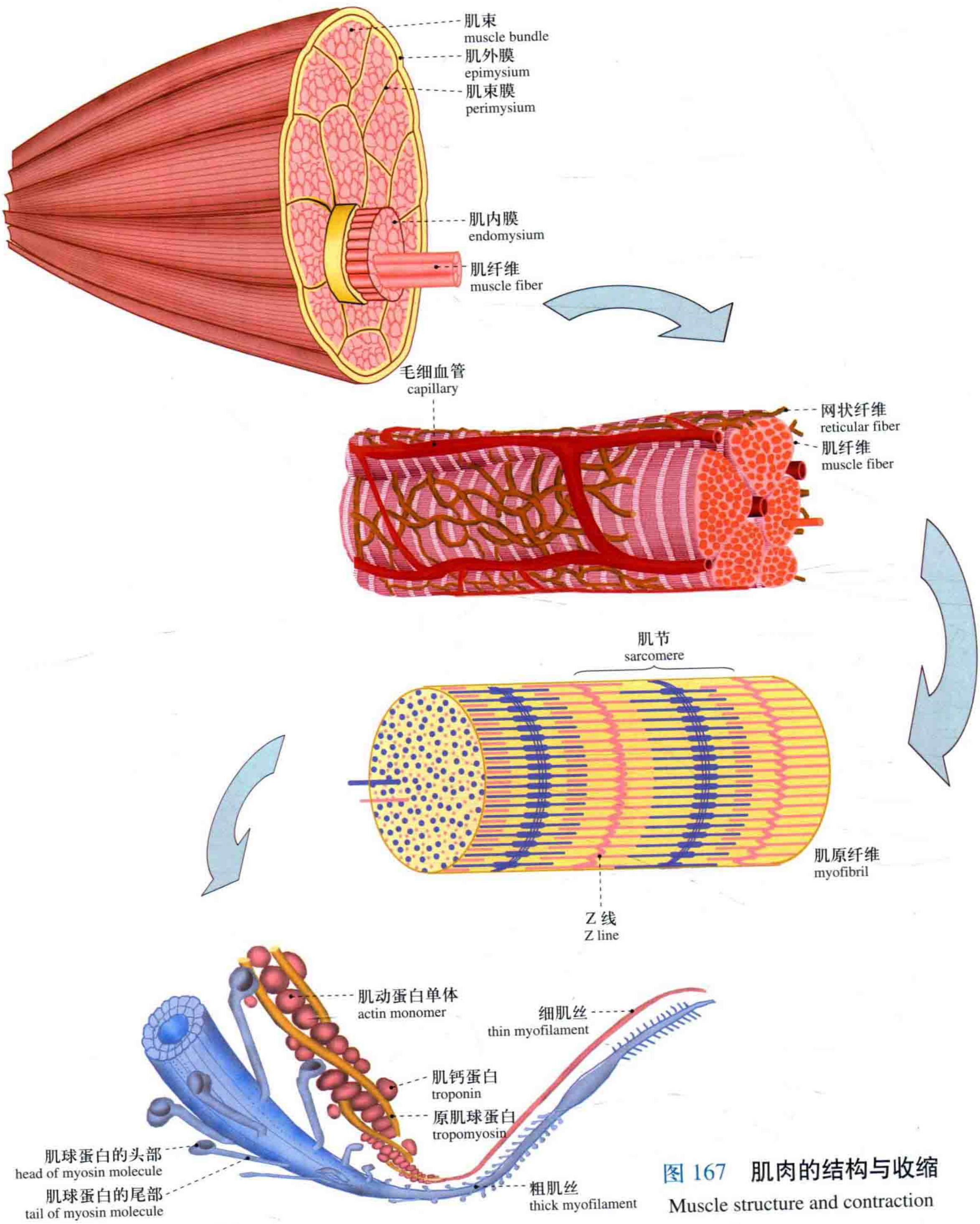
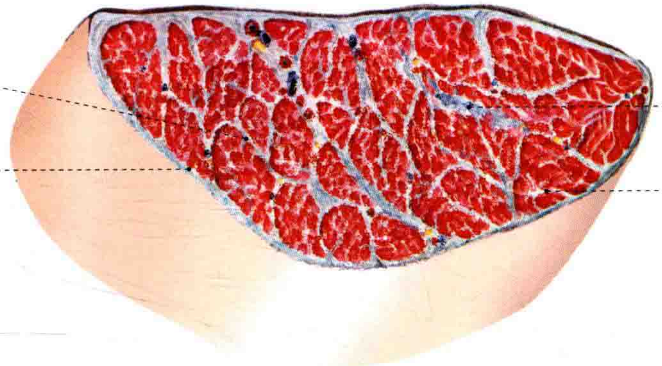


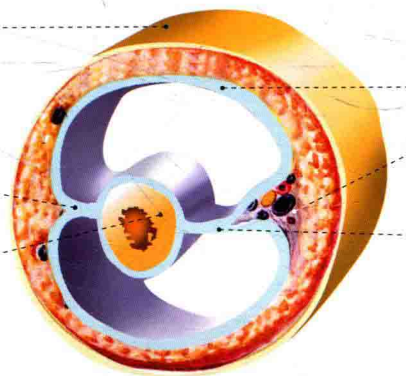
图 167 肌肉的结构与收缩
Muscle structure and contraction

第四节

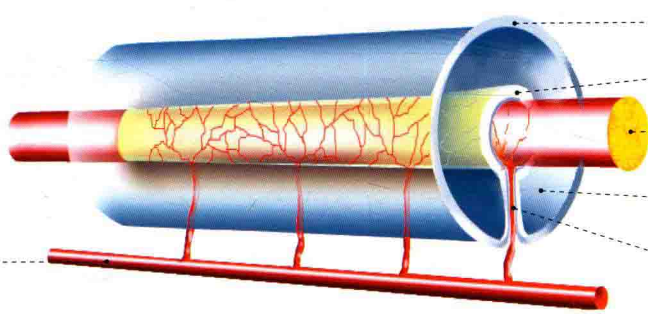
肌肉的辅助装置



肌的横断面
Transverse section of muscle



筋膜鞘（模式图）
Fascial sheath (diagram)



腱鞘（模式图）
Tendinous sheath (diagram)

图 168　肌肉的辅助装置
Auxiliary device of the muscle

第五节

头 颈 肌

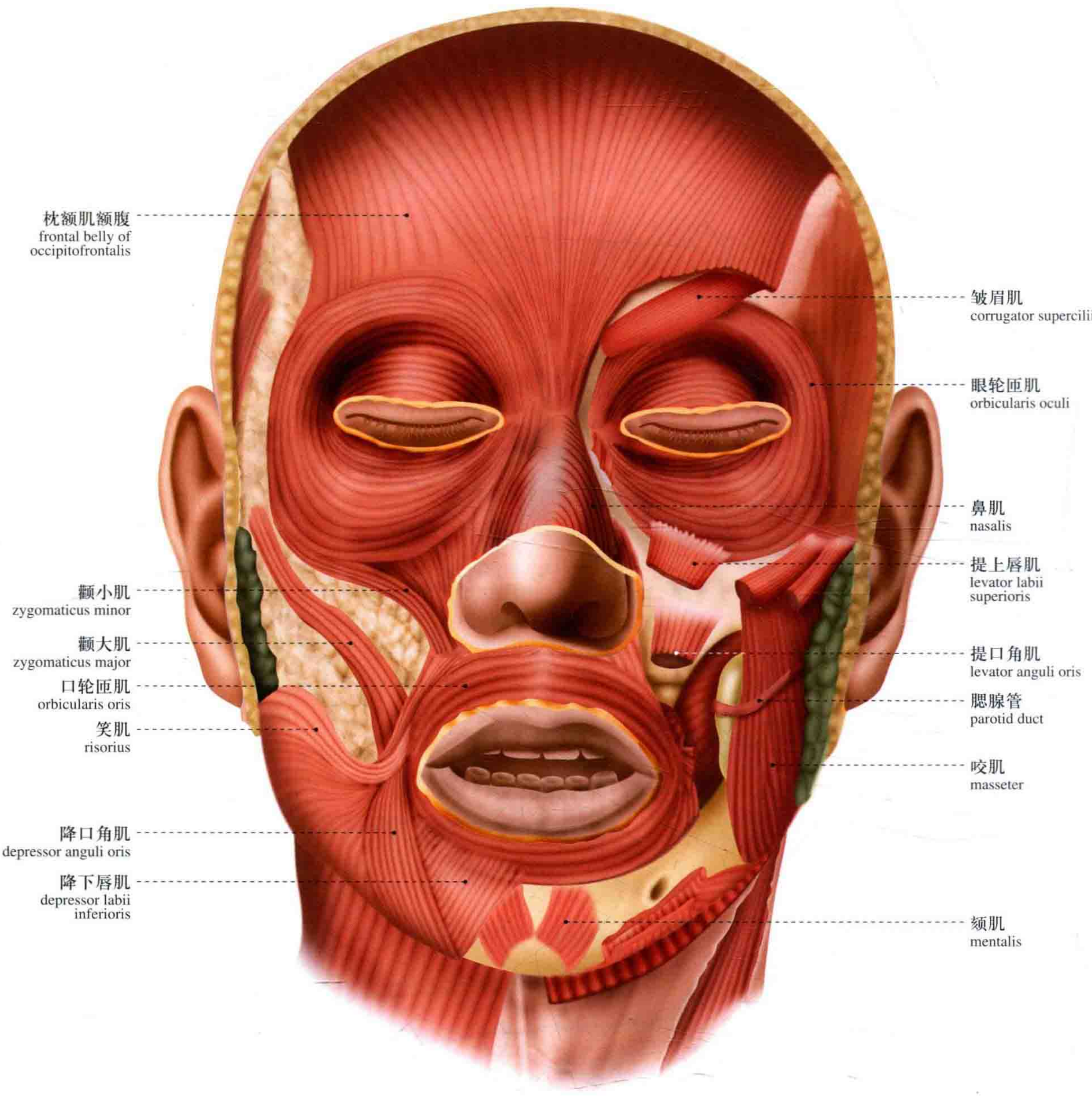


图 169 面部肌肉（前面观）
Facial muscles (anterior aspect)

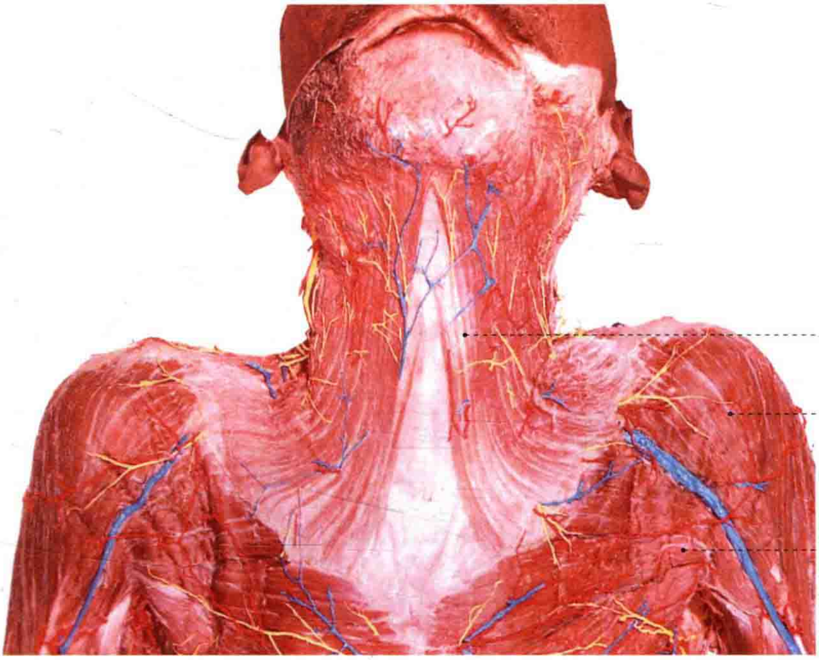


图 170 颈肌（前面观 1）
Lateral cervical muscles (anterior aspect 1)

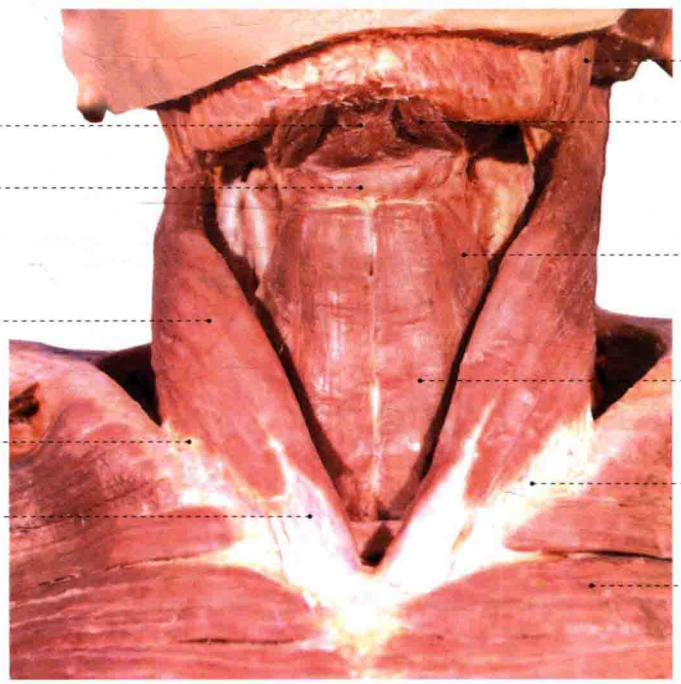


图 171 颈肌（前面观 2）
Cervical muscles (anterior aspect 2)

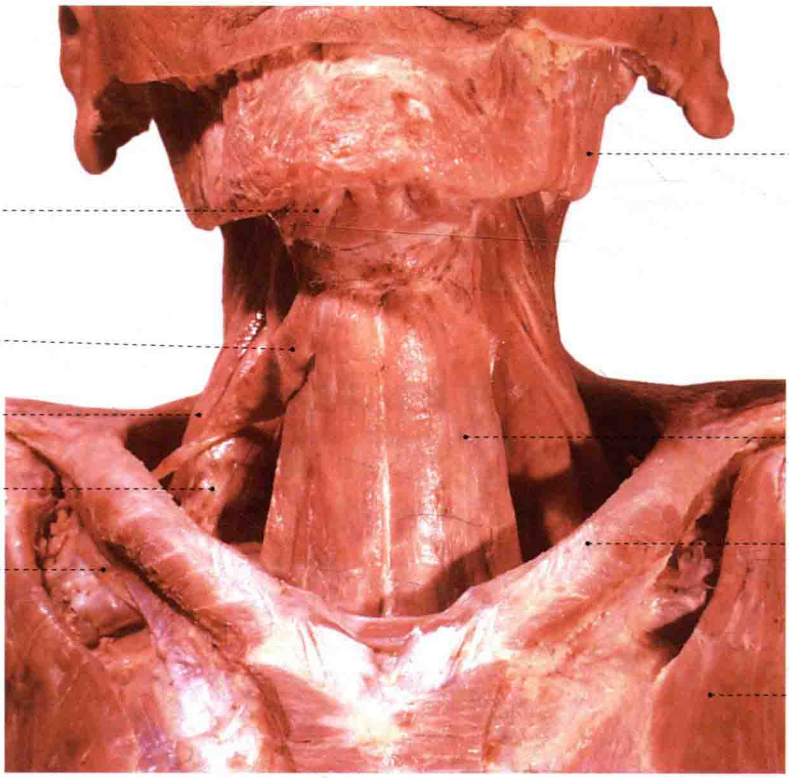


图 172 颈肌（前面观 3）

Cervical muscles (anterior aspect 3)

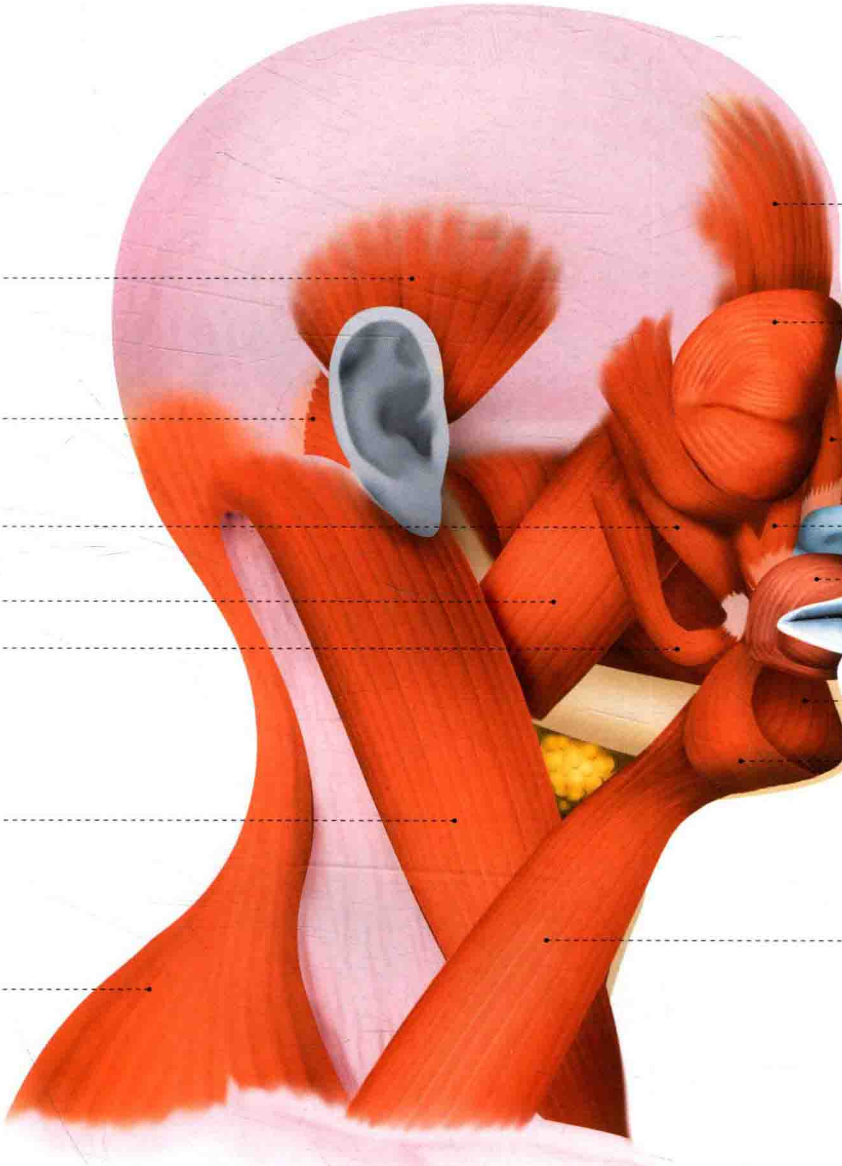


图 173 头颈肌（侧面观 1）
Muscles of the head and neck (lateral aspect 1)

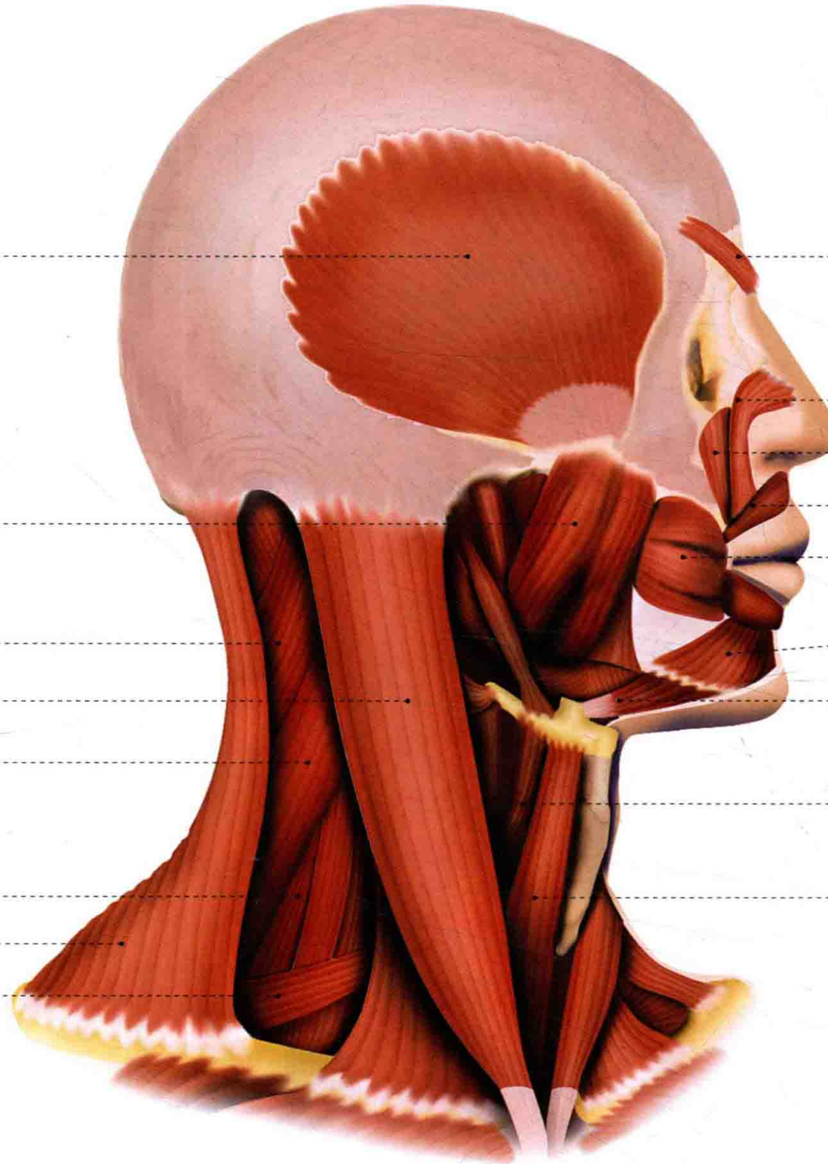


图 174 头颈肌（侧面观 2）

Muscles of the head and neck (lateral aspect 2)

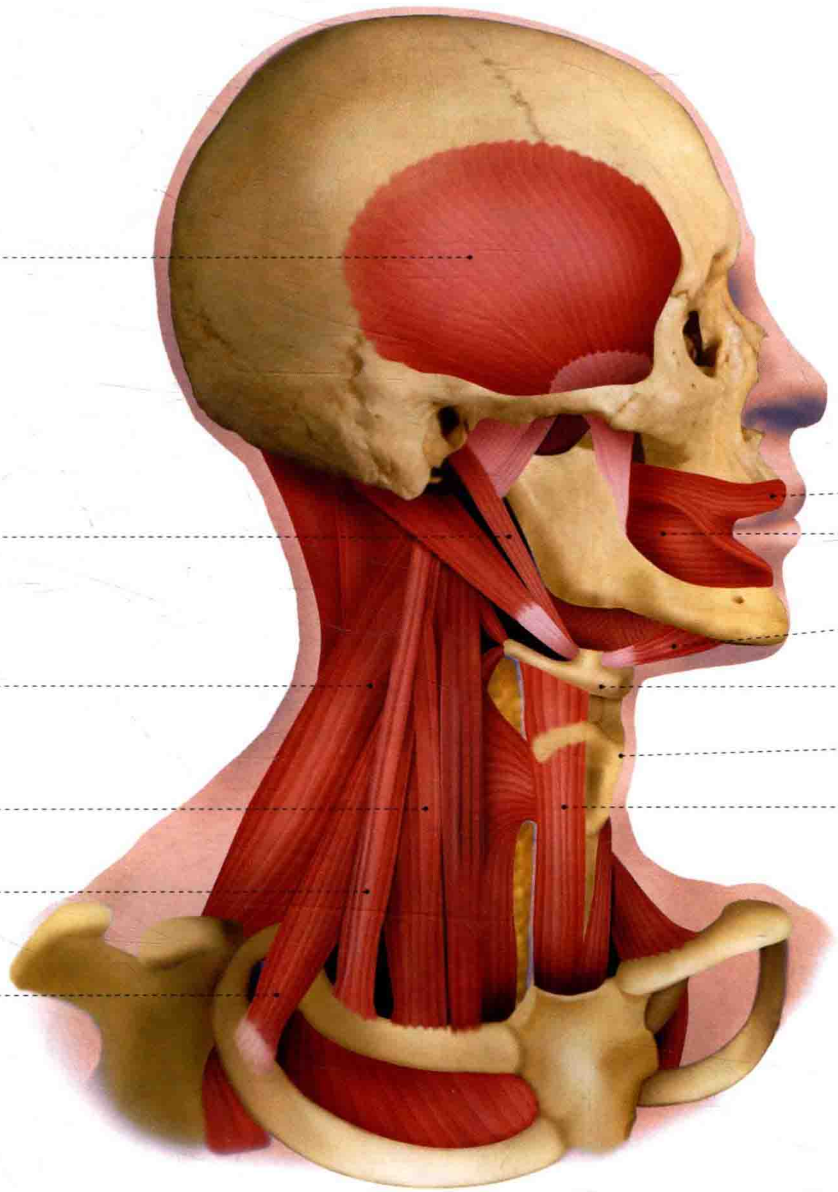


图 175　**头颈肌（侧面观 3）**
Muscles of the head and neck (lateral aspect 3)

第六节

躯干肌

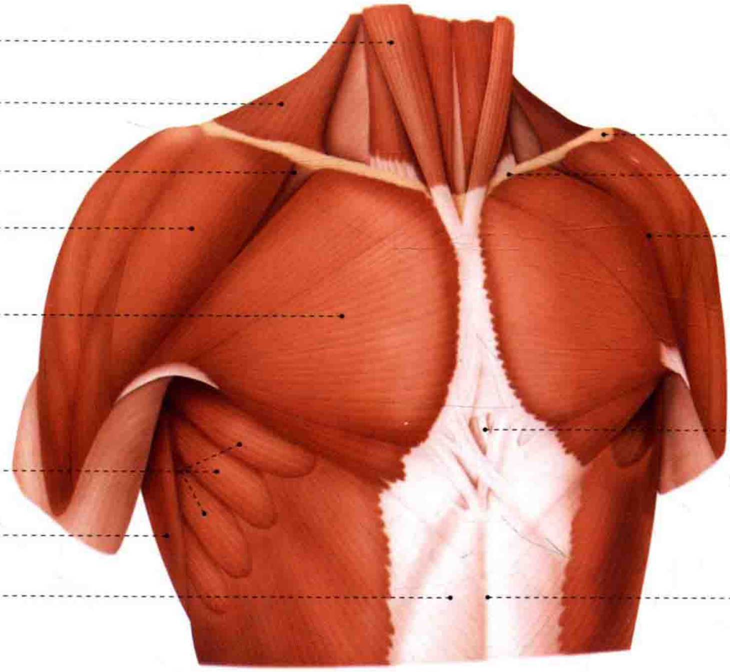


图 176 胸部肌肉（浅层）
Chest muscles (superficial layer)

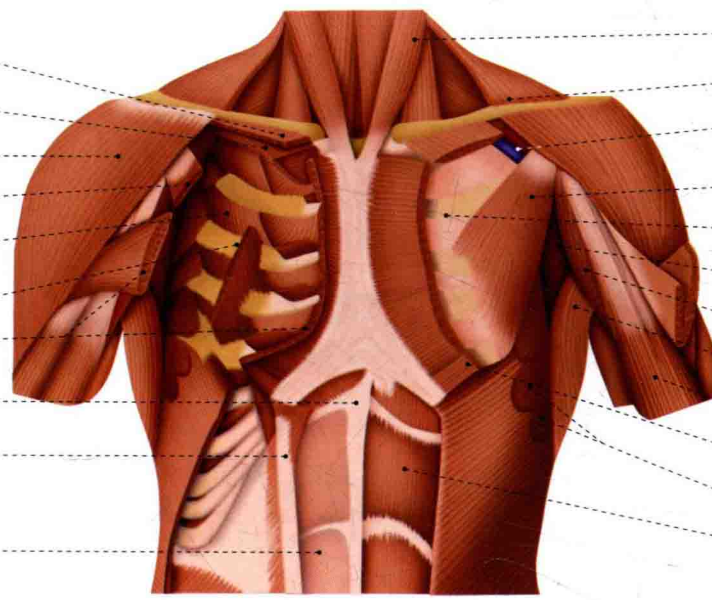


图 177 胸部肌肉（深层）
Chest muscles (deep layer)

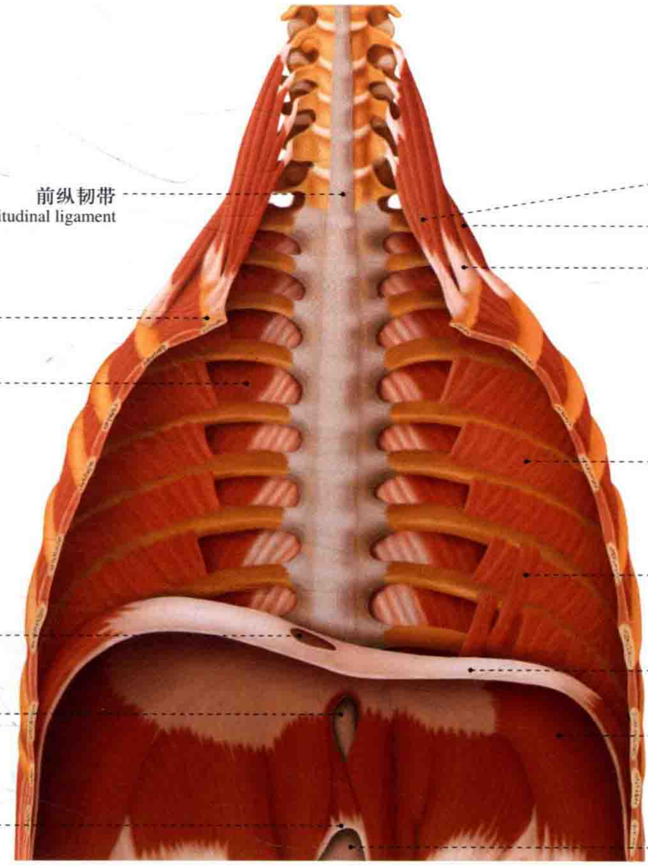


图 178　**胸后壁（前面观）**

Posterior wall of the chest (anterior aspect)

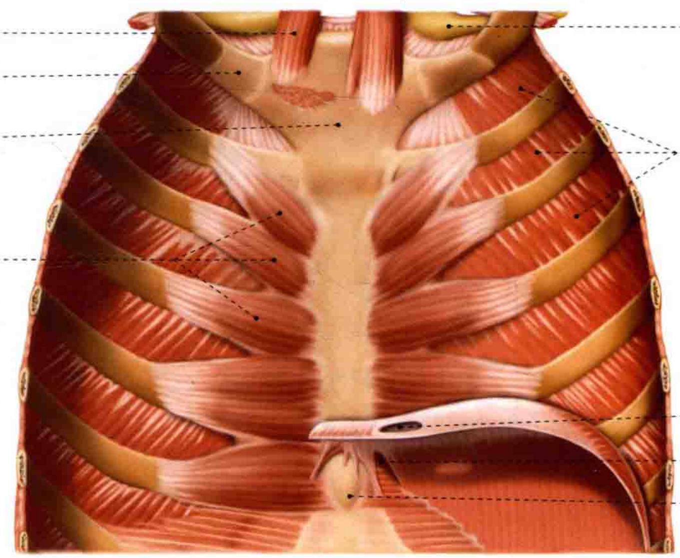


图 179　**胸前壁（后面观）**

Anterior wall of the chest (posterior aspect)

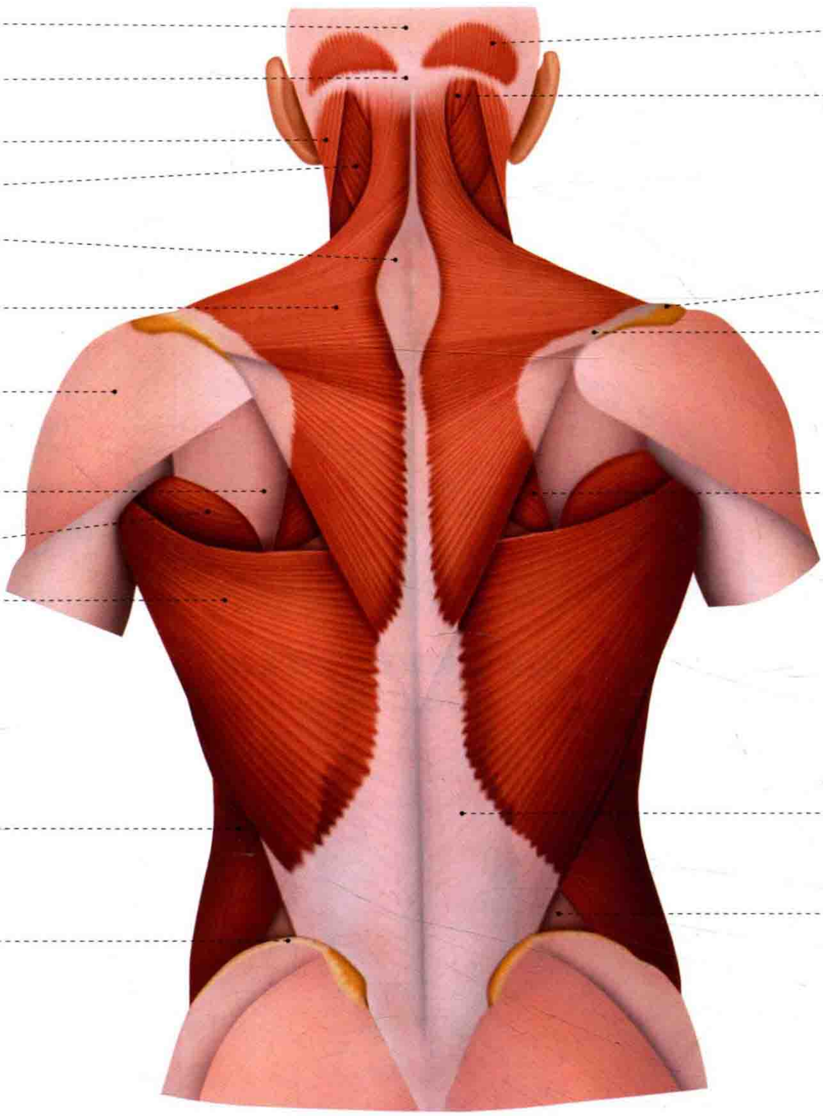


图 180　背肌（浅层）

Muscles of the back (superficial layer)

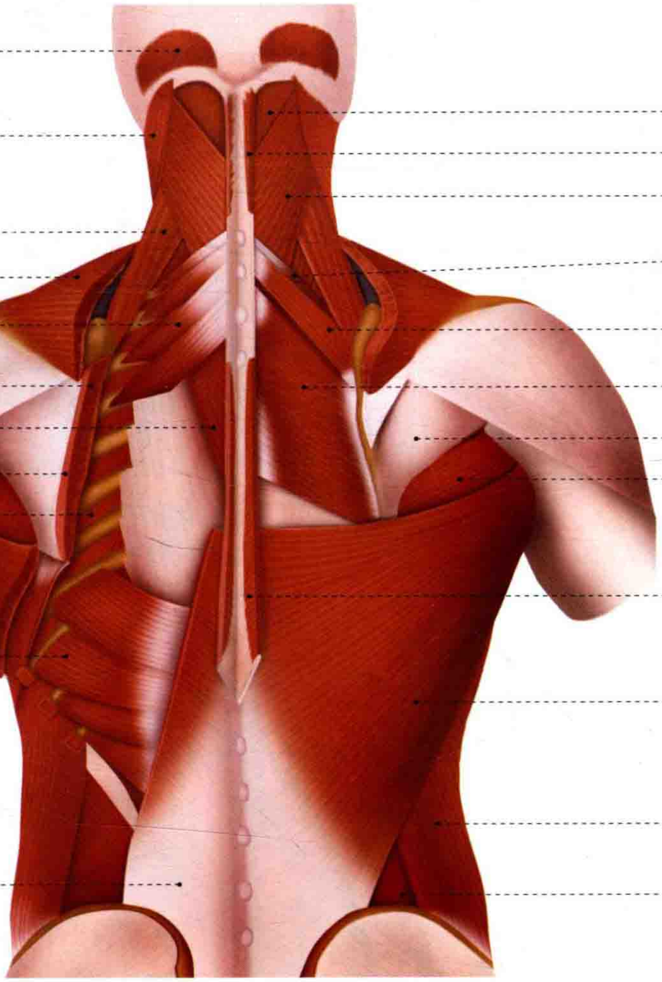


图 181　背肌（深层）

Muscles of the back (deep layer)

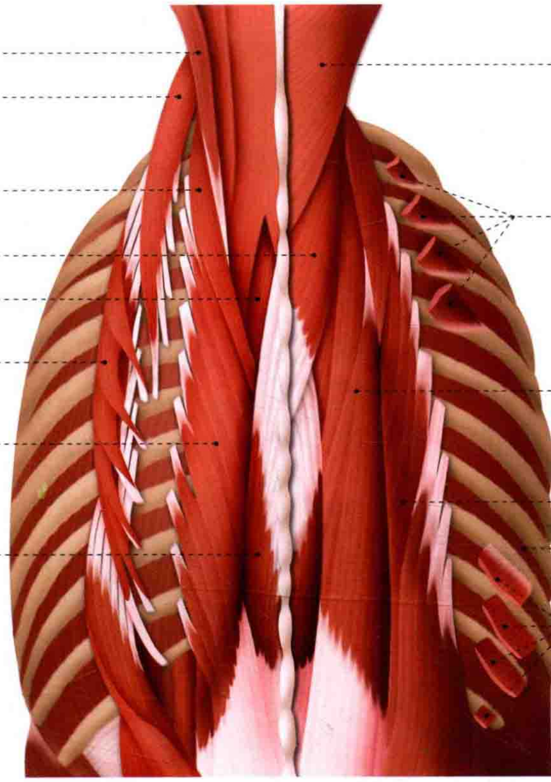


图 182 背固有肌 1

Intrinsic back muscles 1

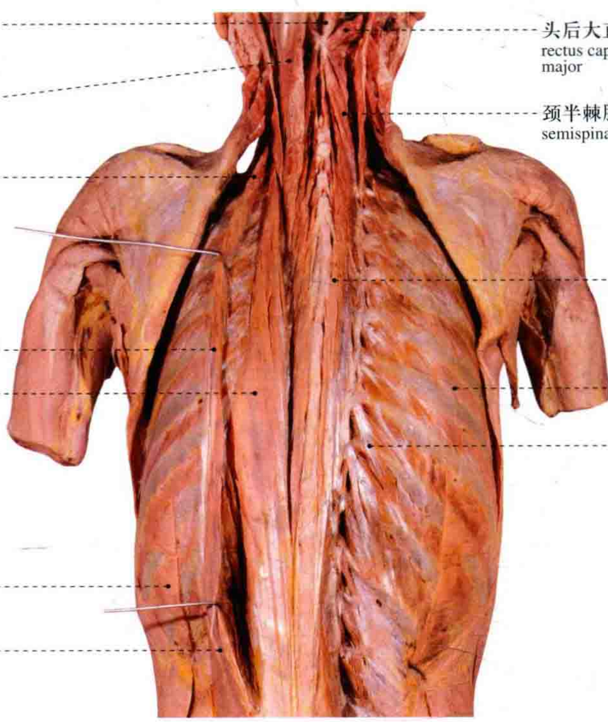


图 183 背固有肌 2

Intrinsic back muscles 2

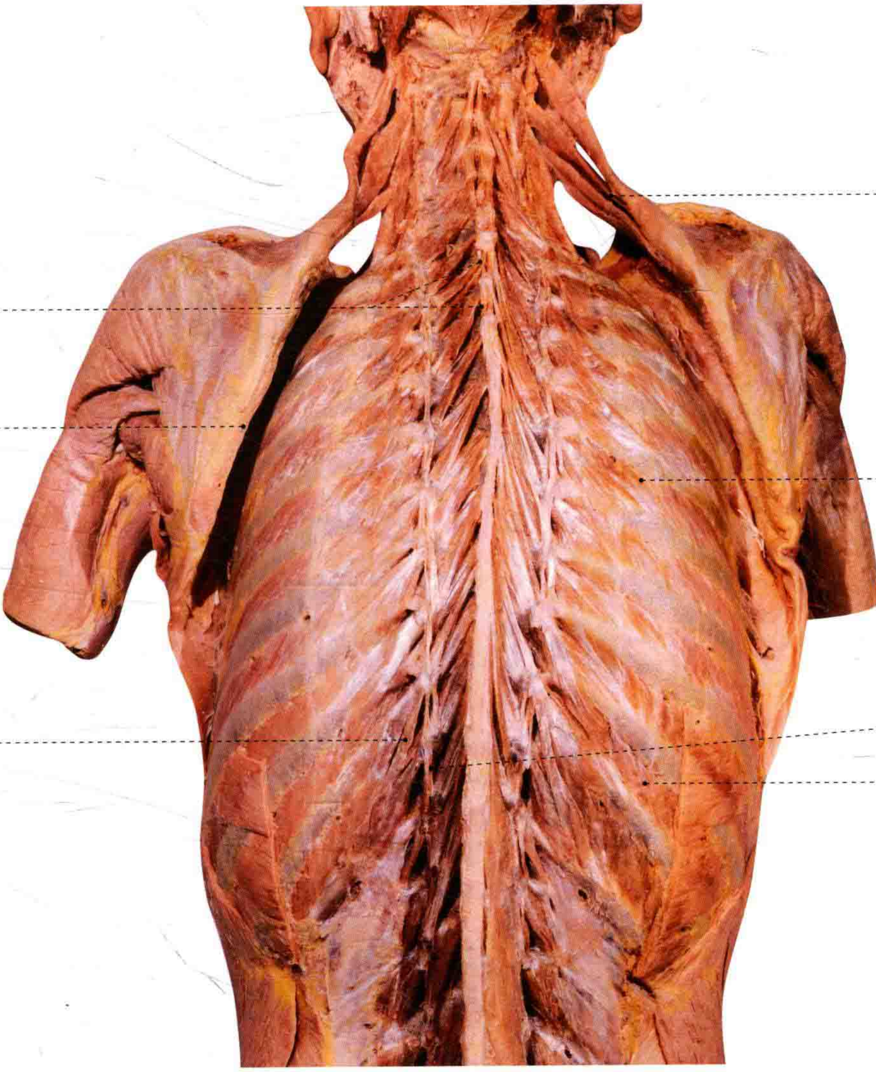


图 184　背固有肌 3

Intrinsic back muscles 3

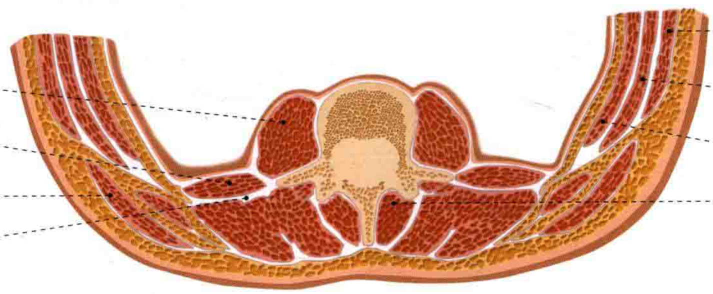


图 185　背肌（断面）

Muscles of the back (section)

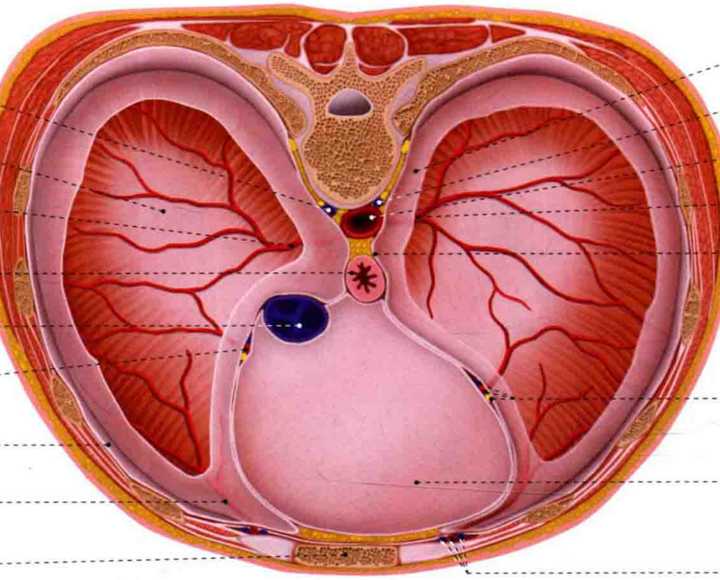


图 186　膈的动脉（上面观）

Arteries of the diaphragm (superior aspect)

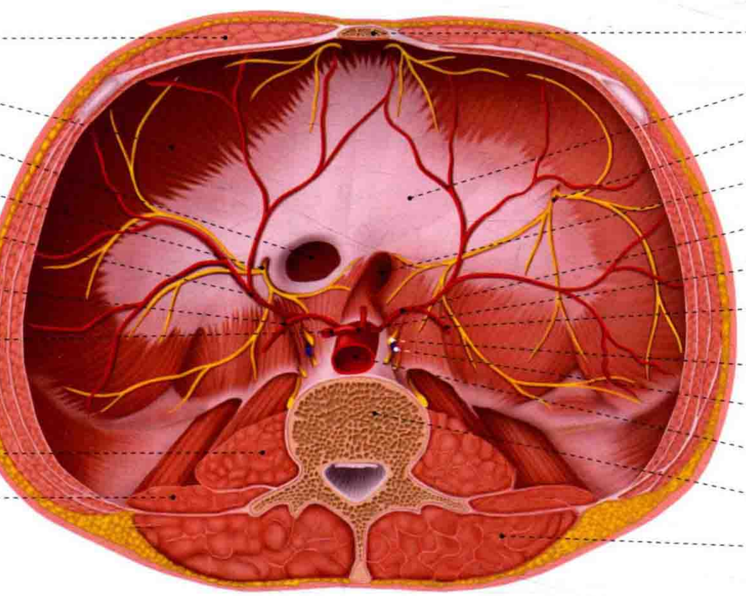


图 187　膈的动脉和神经（下面观）

Arteries and nerves of the diaphragm (inferior aspect)

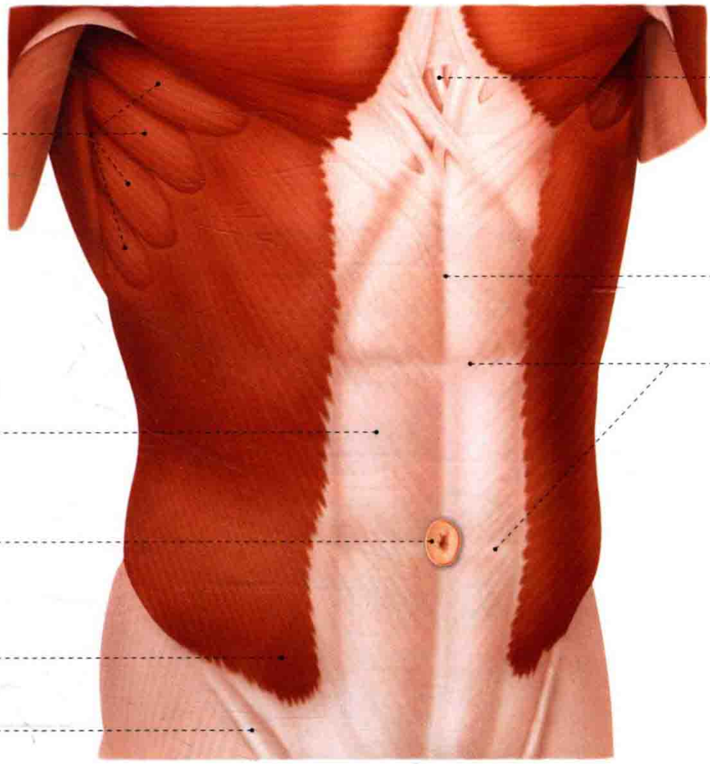


图 188 腹肌（前面观 1）
Muscles of the abdomen (anterior aspect 1)

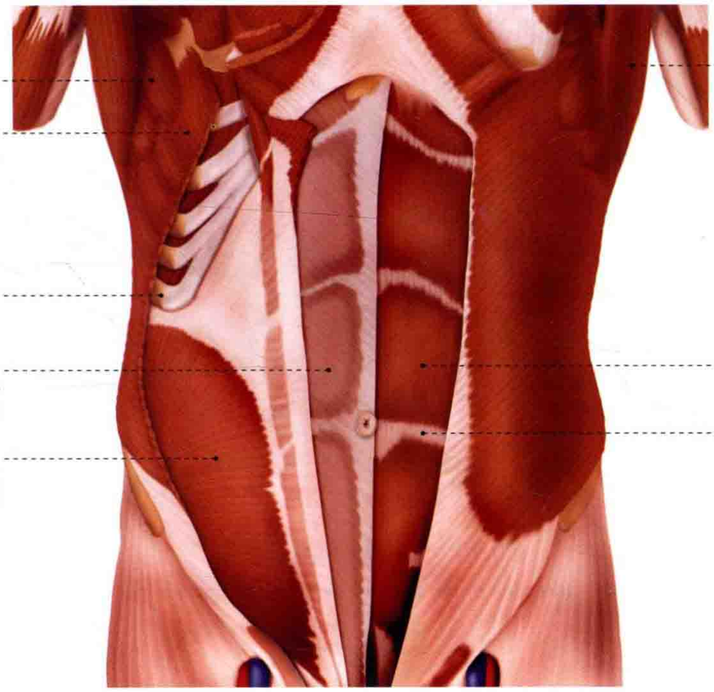


图 189 腹肌（前面观 2）
Muscles of the abdomen (anterior aspect 2)

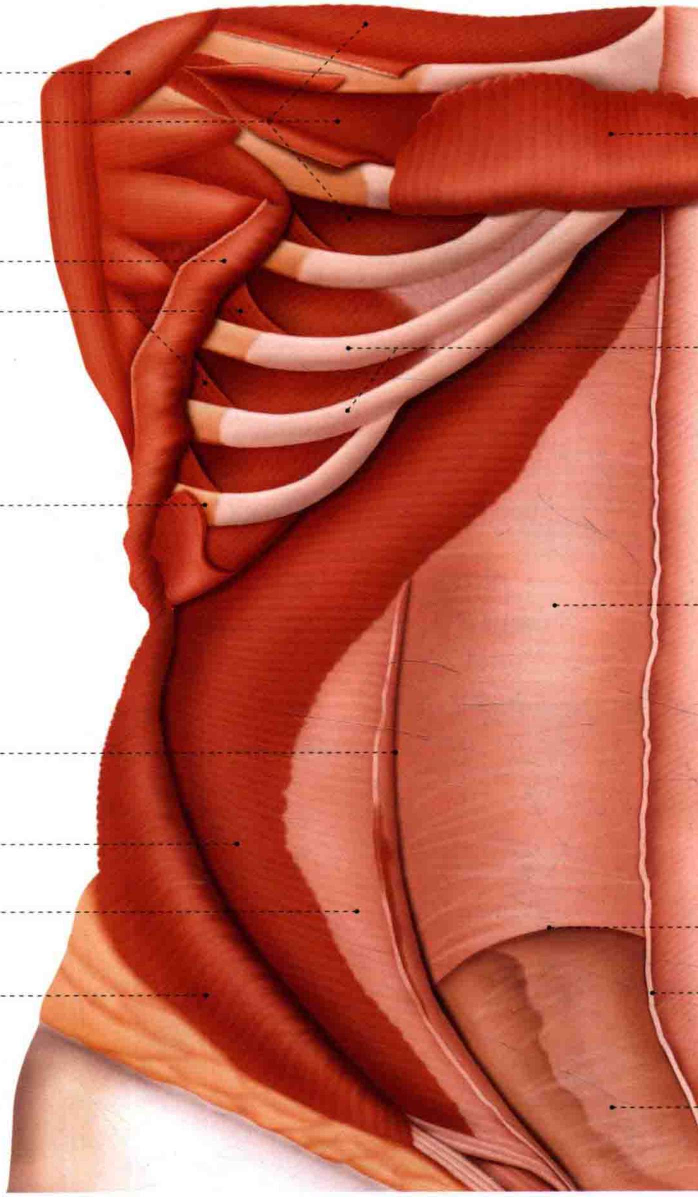


图 190 **腹肌（前面观 3）**

Muscles of the abdomen (anterior aspect 3)

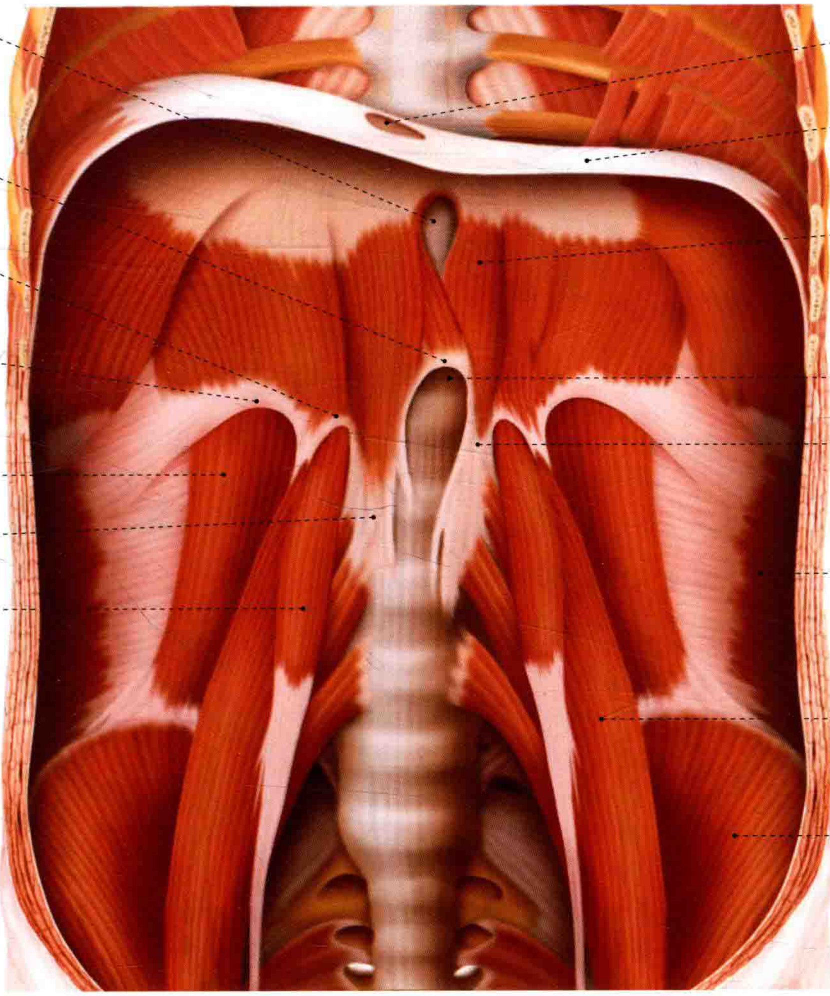


图 191 **腰肌（前面观）**

Lumbar muscles (anterior aspect)

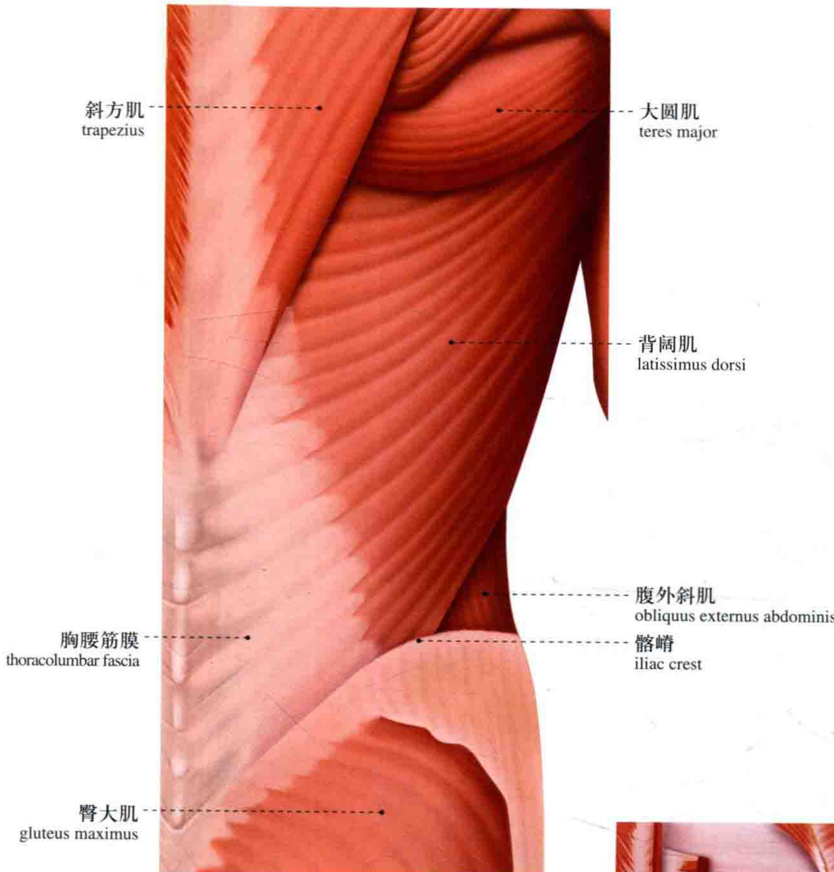


图 192　**腰肌（后面观 1）**

Lumbar muscles (posterior aspect 1)

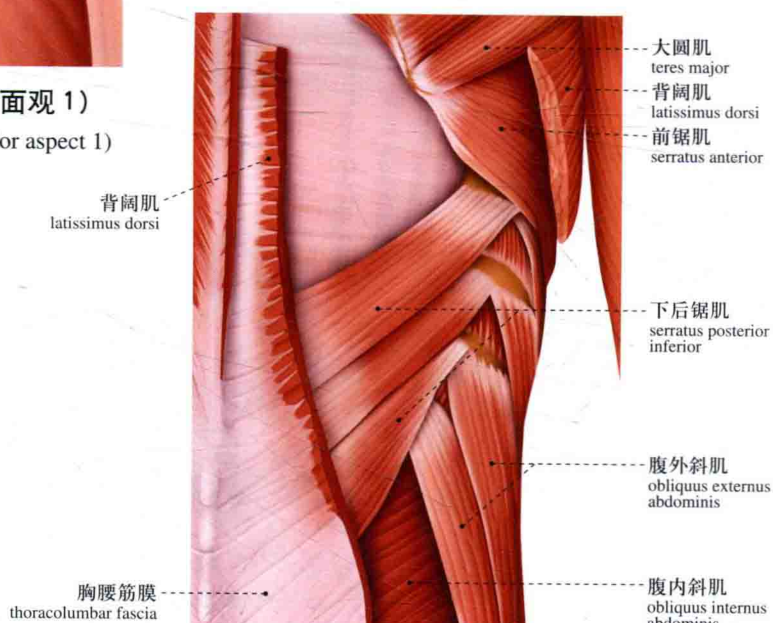


图 193　**腰肌（后面观 2）**

Lumbar muscles (posterior aspect 2)

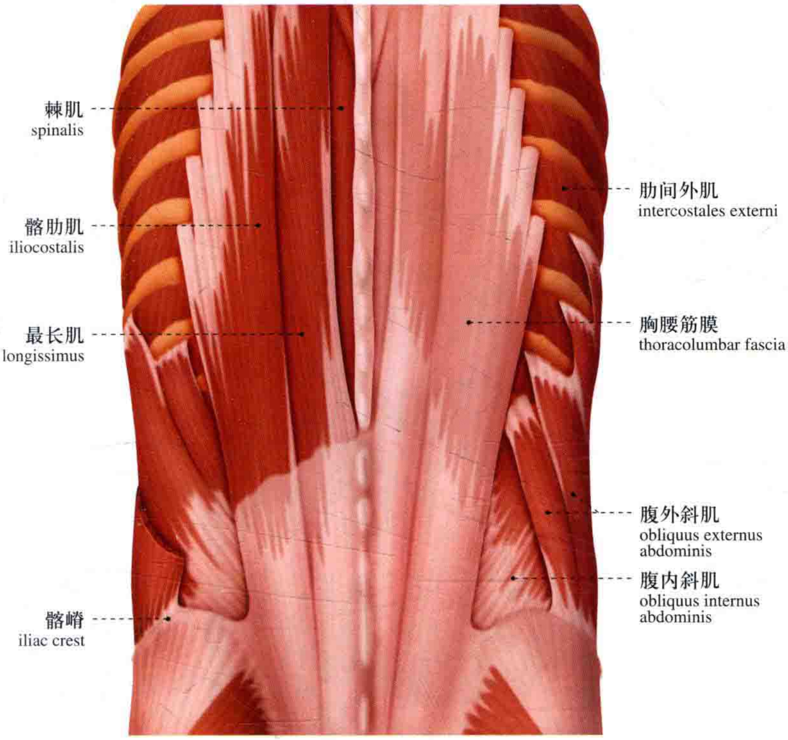


图 194 腰肌（后面观 3）
Lumbar muscles (posterior aspect 3)

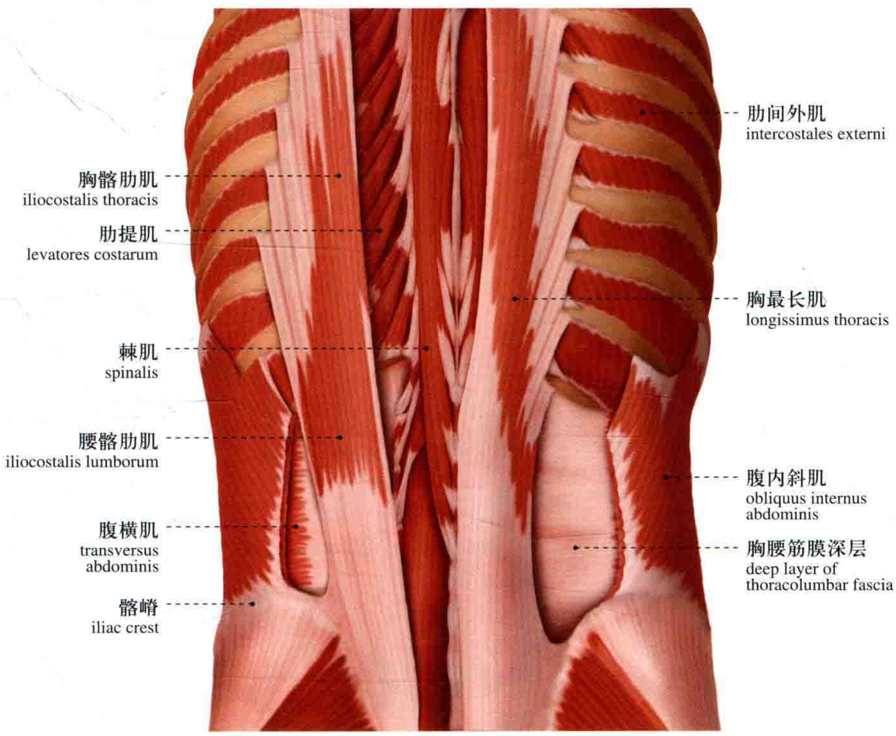


图 195 腰肌（后面观 4）
Lumbar muscles (posterior aspect 4)

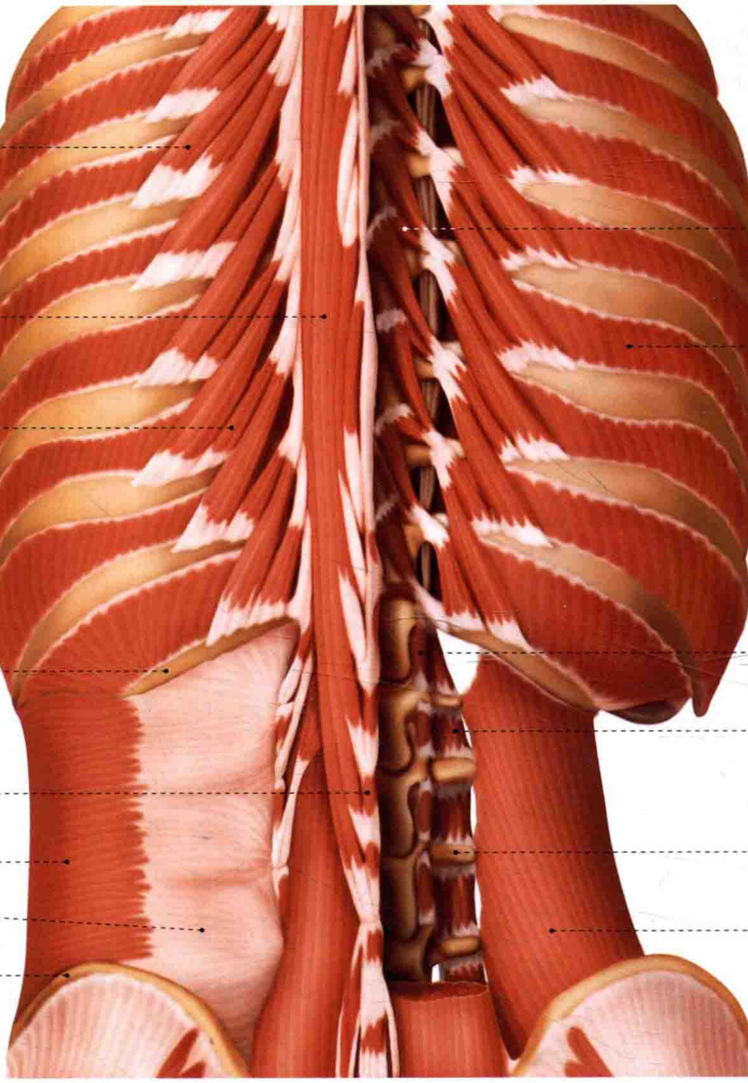


图 196 腰肌（后面观 5）

Lumbar muscles (posterior aspect 5)

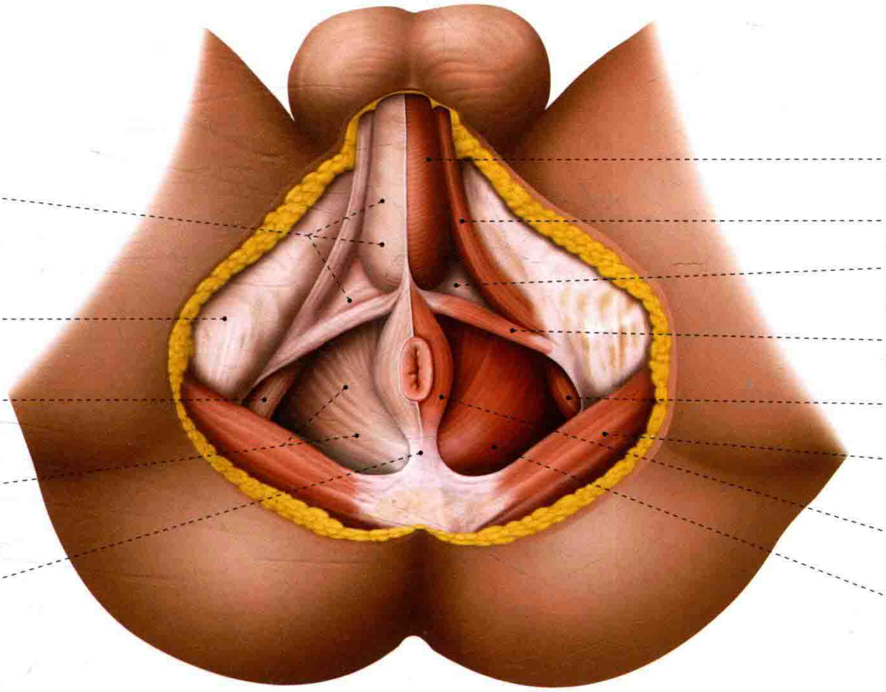


图 197 **男性盆底浅层筋膜**

Superficial fasciae of the male pelvic floor

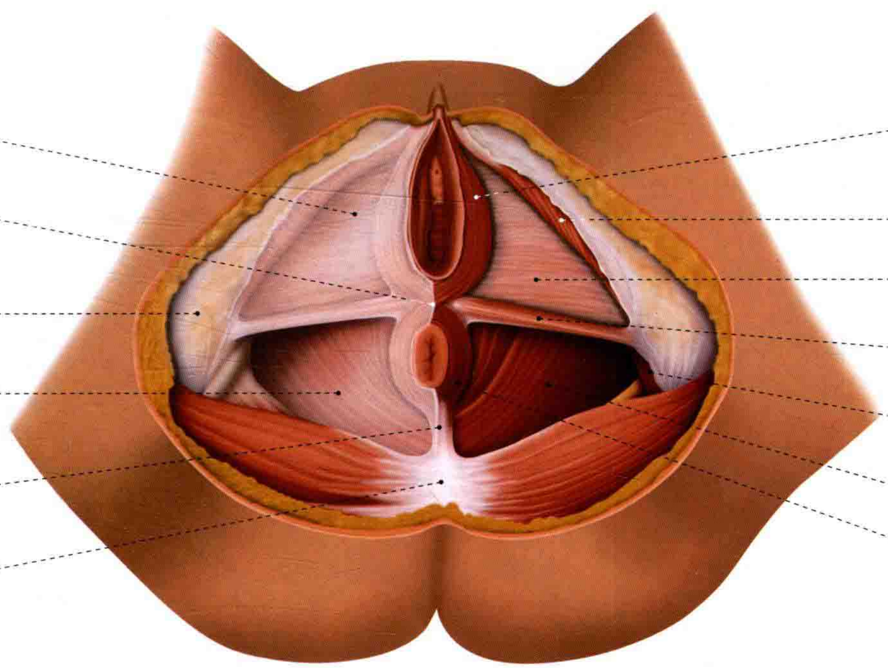


图 198 **女性盆底浅层筋膜**

Superficial fasciae of the female pelvic floor

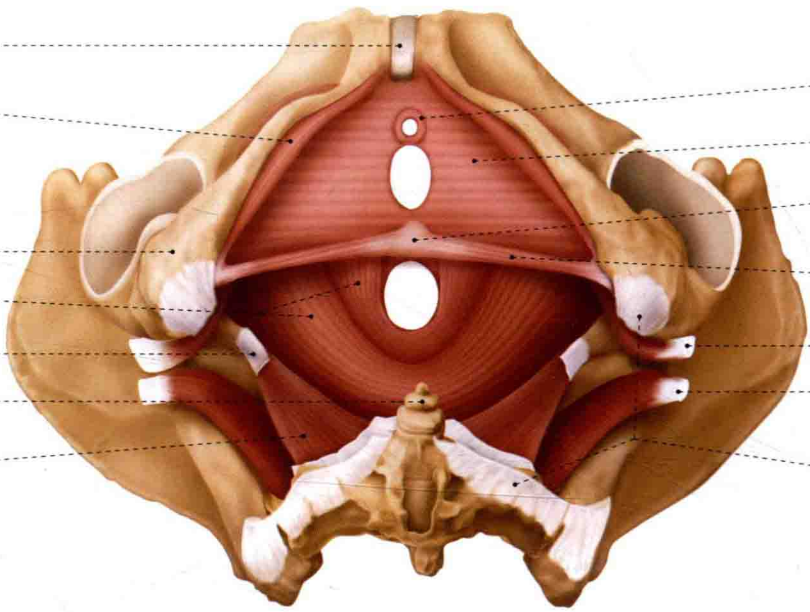


图 199 女性盆底肌 1
Muscles of the female pelvic floor 1

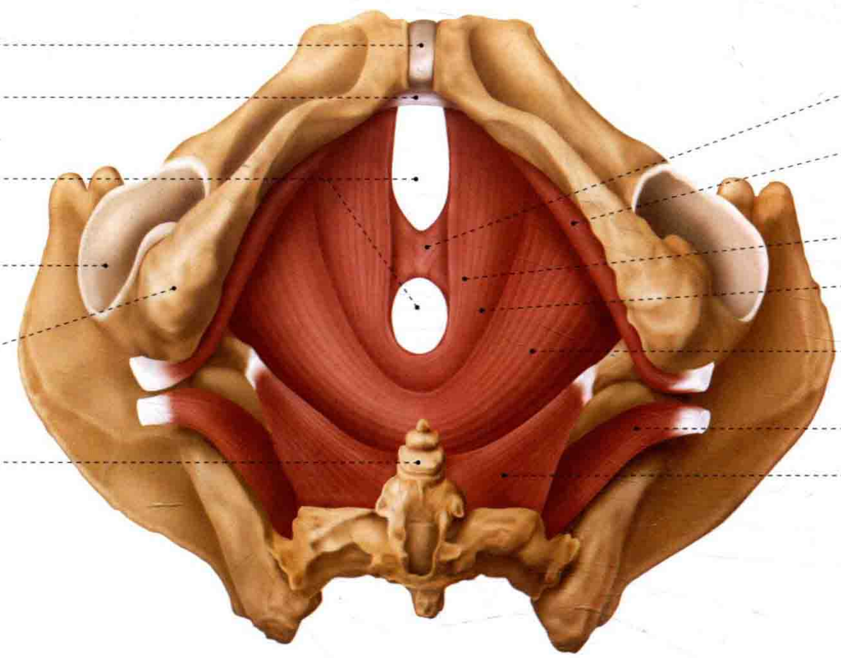


图 200 女性盆底肌 2
Muscles of the female pelvic floor 2

第七节

上肢肌

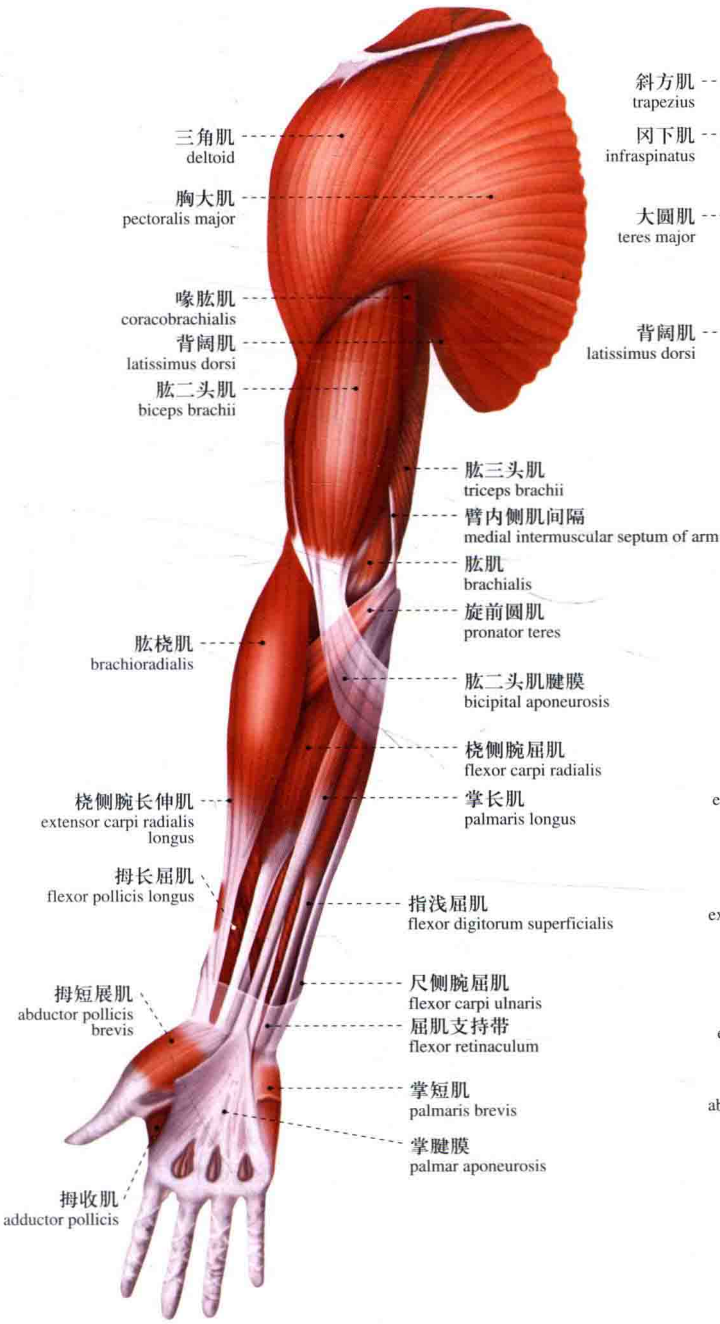


图 201 上肢肌（前面观）
Muscles of the upper limb (anterior aspect)

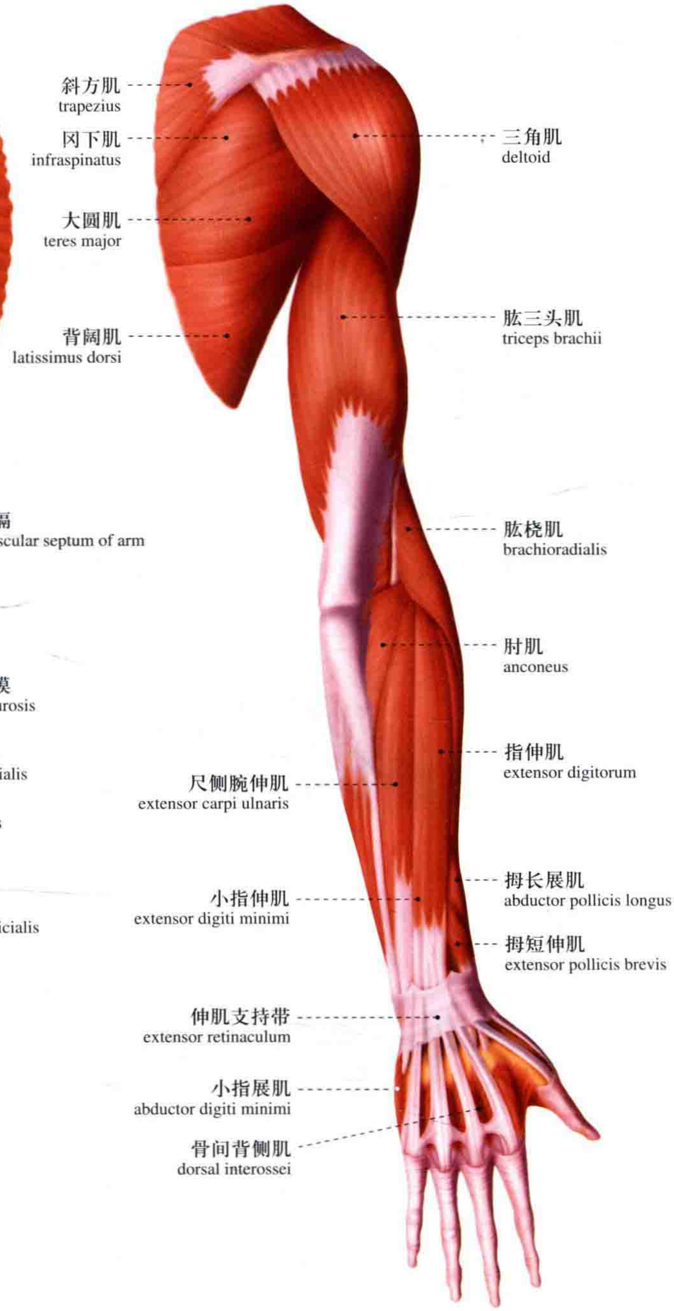


图 202 上肢肌（后面观）
Muscles of the upper limb (posterior aspect)

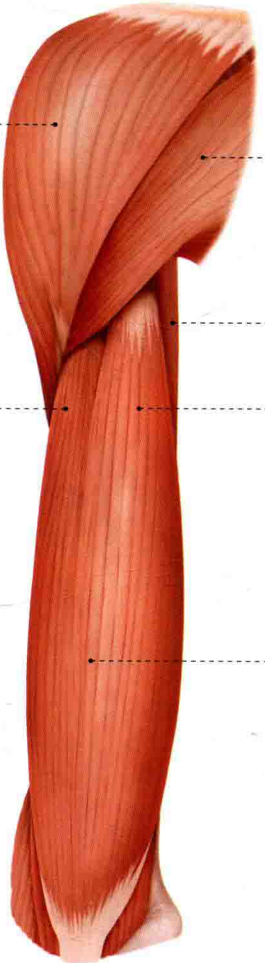


图 203 **肩臂部肌（前面观 1）**
Muscles of the shoulder and arm (anterior aspect 1)



图 204 **肩臂部肌（前面观 2）**
Muscles of the shoulder and arm (anterior aspect 2)

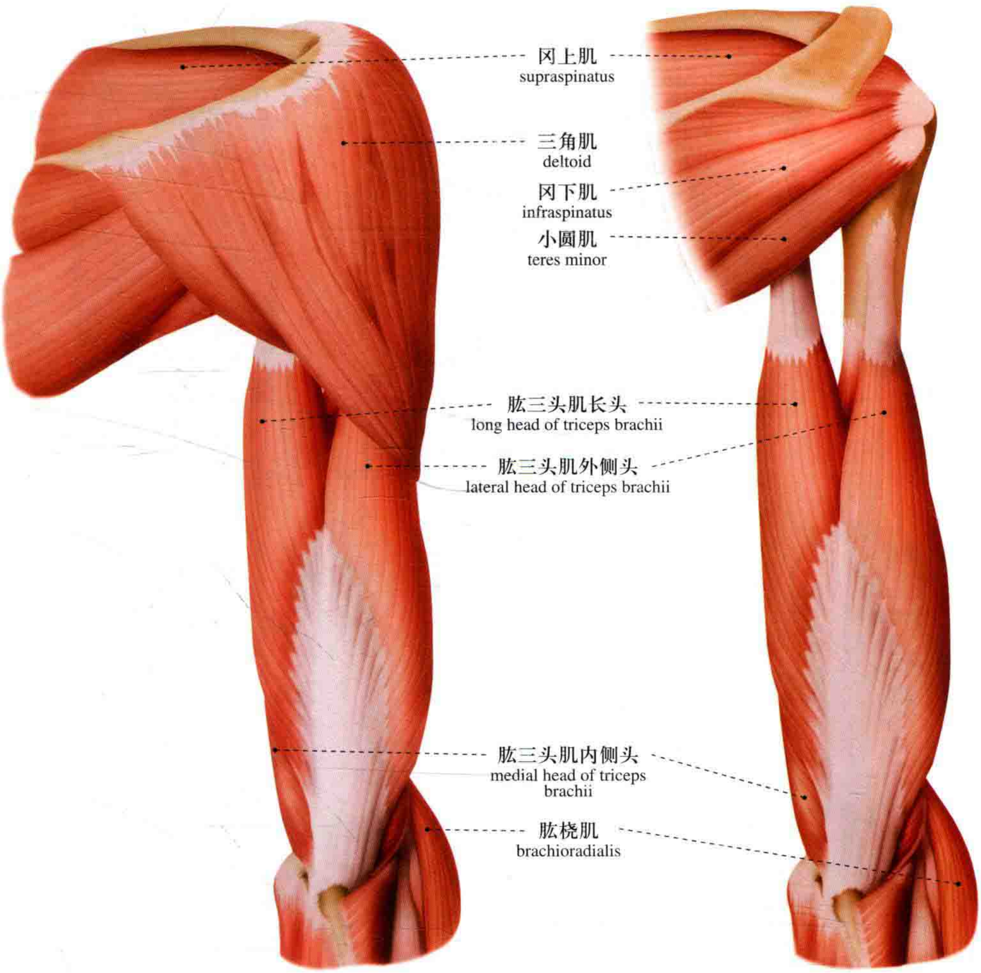


图 205　**肩臂部肌（后面观 1）**
Muscles of the shoulder and arm (posterior aspect 1)

图 206　**肩臂部肌（后面观 2）**
Muscles of the shoulder and arm (posterior aspect 2)

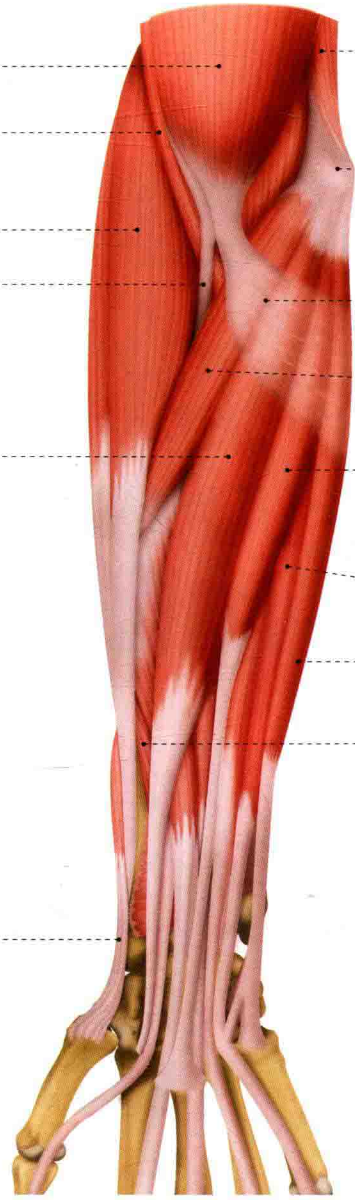


图 207　肘前臂肌（前面观 1）
Muscles of the elbow and forearm (anterior aspect 1)

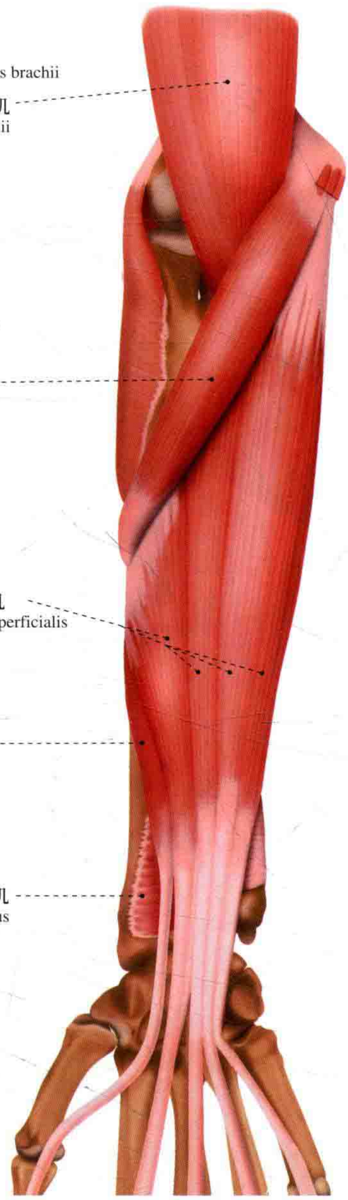


图 208　肘前臂肌（前面观 2）
Muscles of the elbow and forearm (anterior aspect 2)

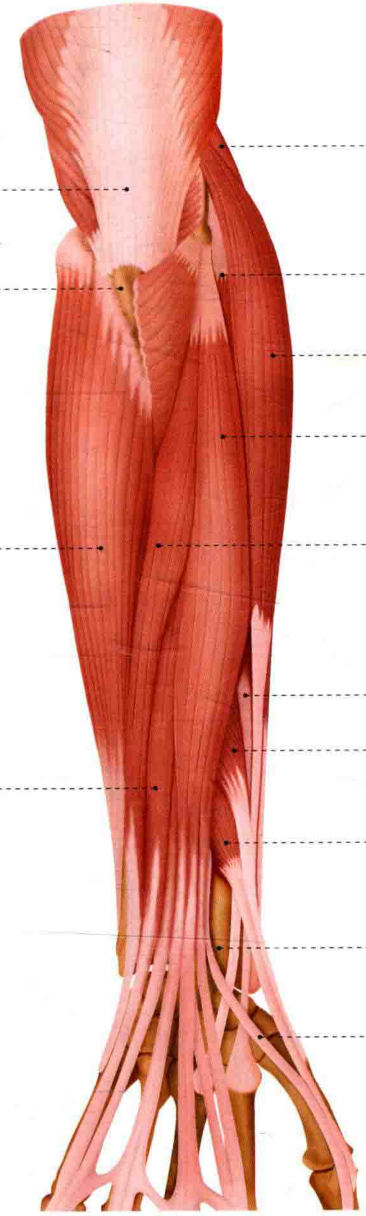


图 209 **前臂肌（后面观）**

Forearm muscles (posterior aspect)

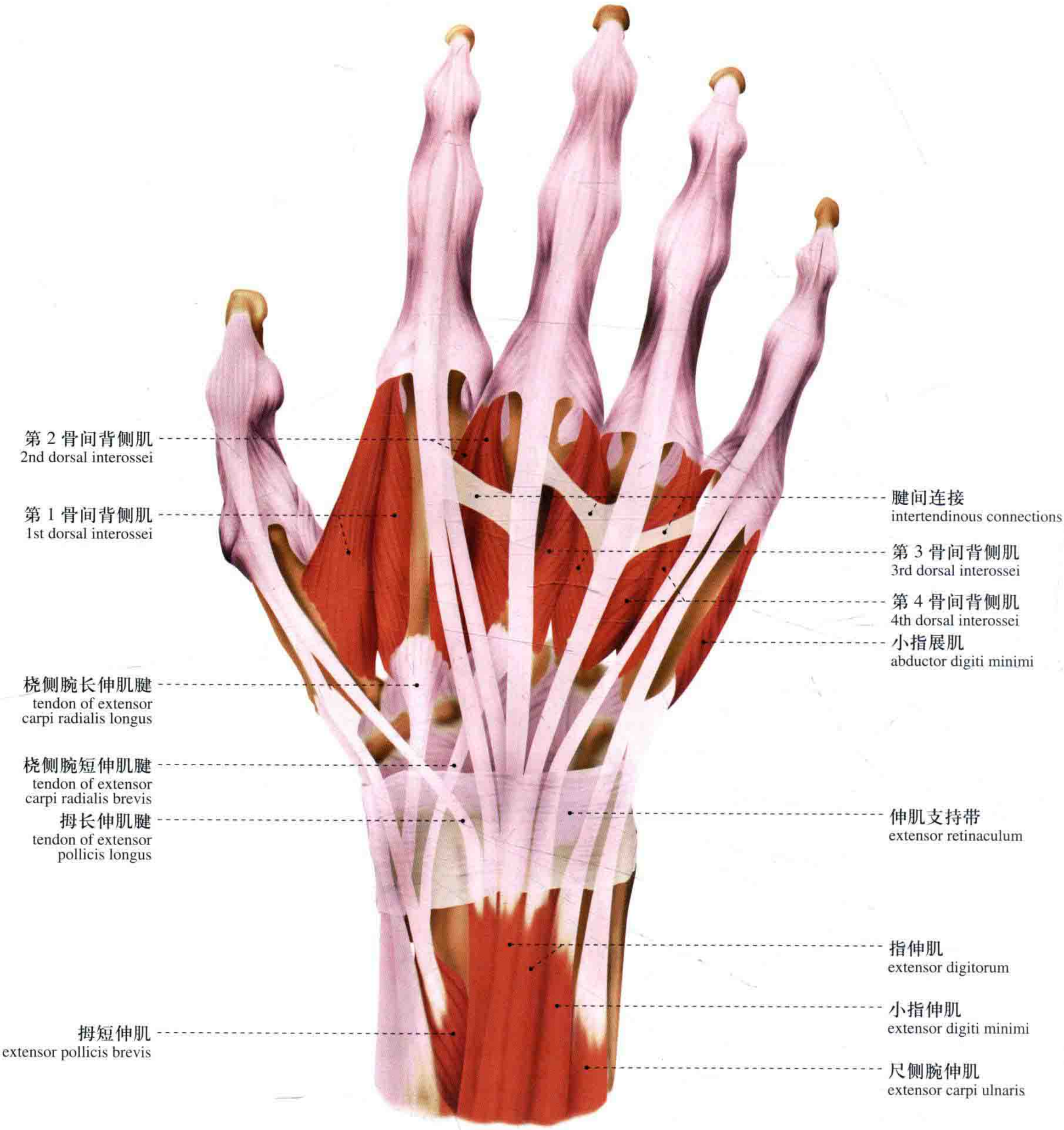


图 210　手部肌肉（背侧面）
Muscles of the hand (dorsal aspect)

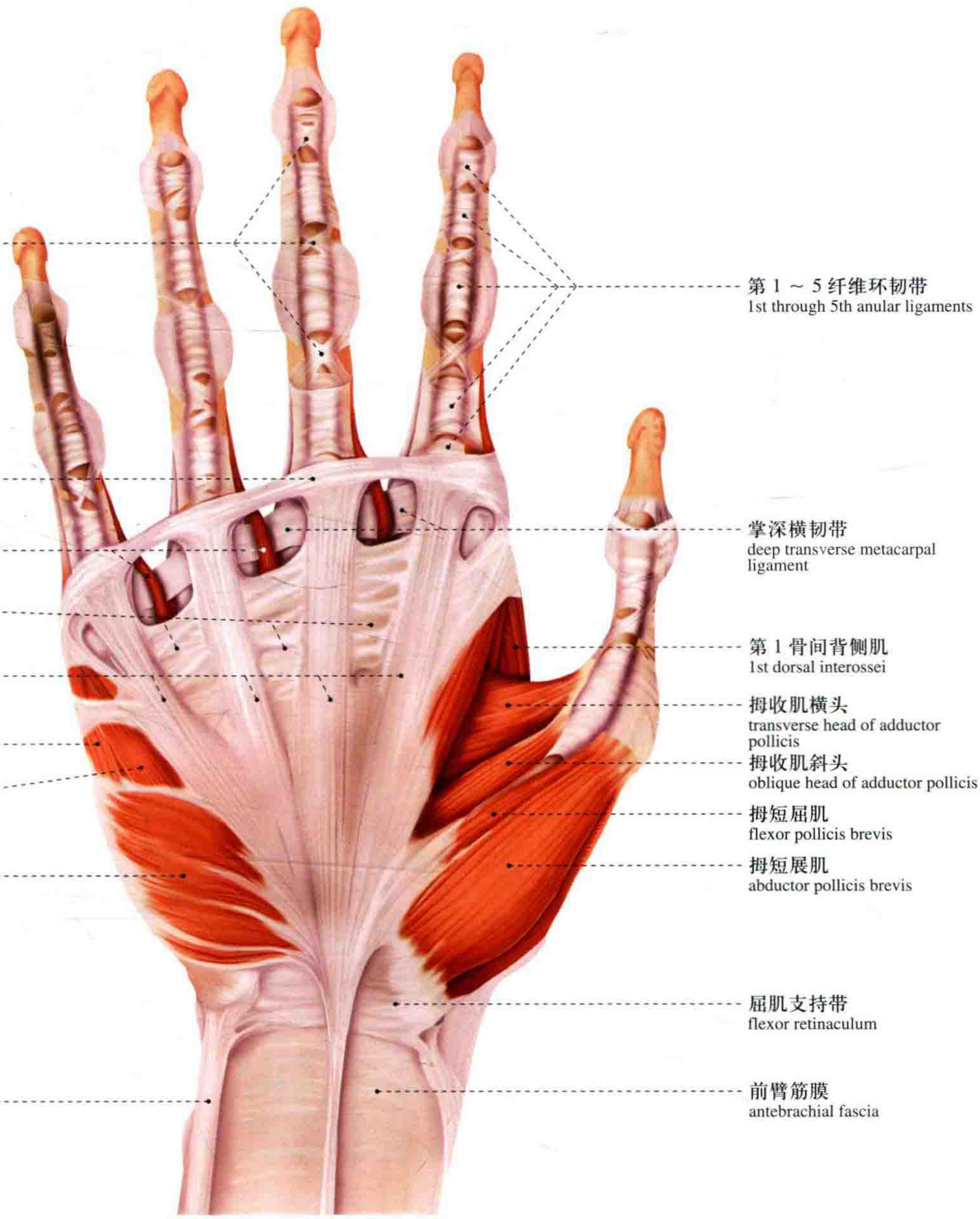


图 211 手部肌肉（掌侧面 1）
Muscles of the hand (palmar aspect 1)

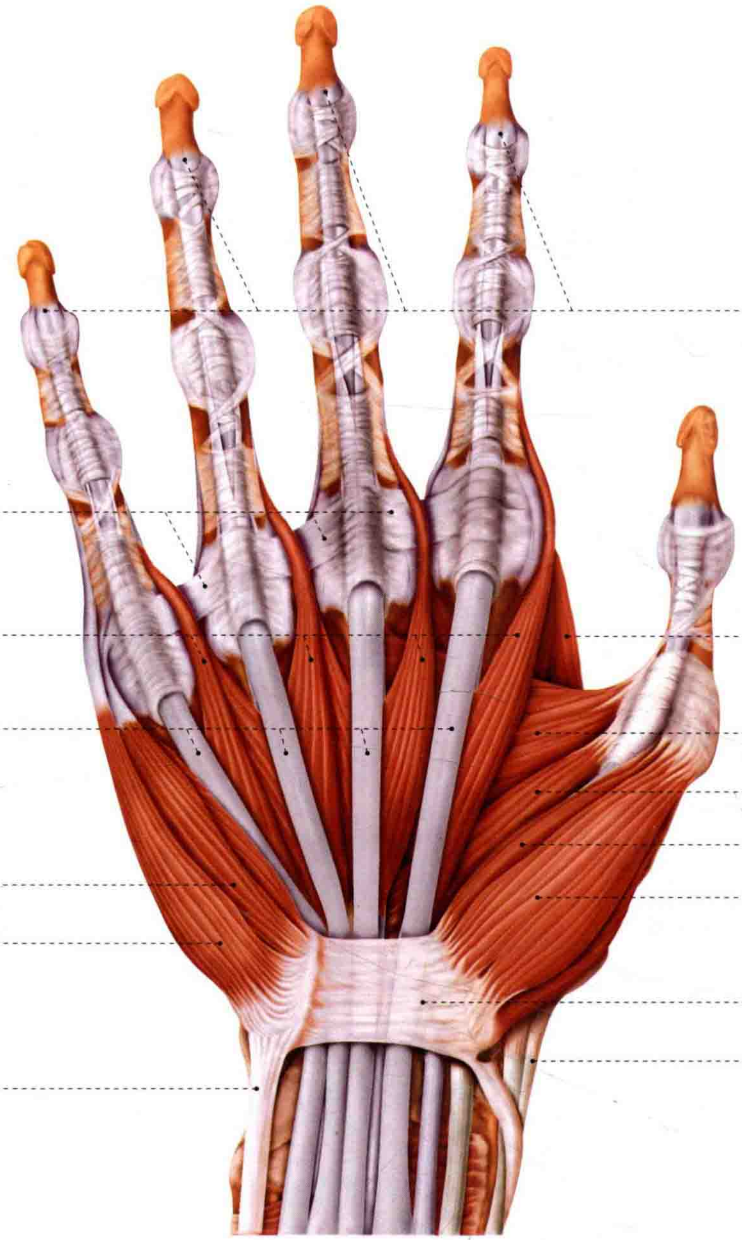


图 212 手部肌肉（掌侧面 2）

Muscles of the hand (palmar aspect 2)

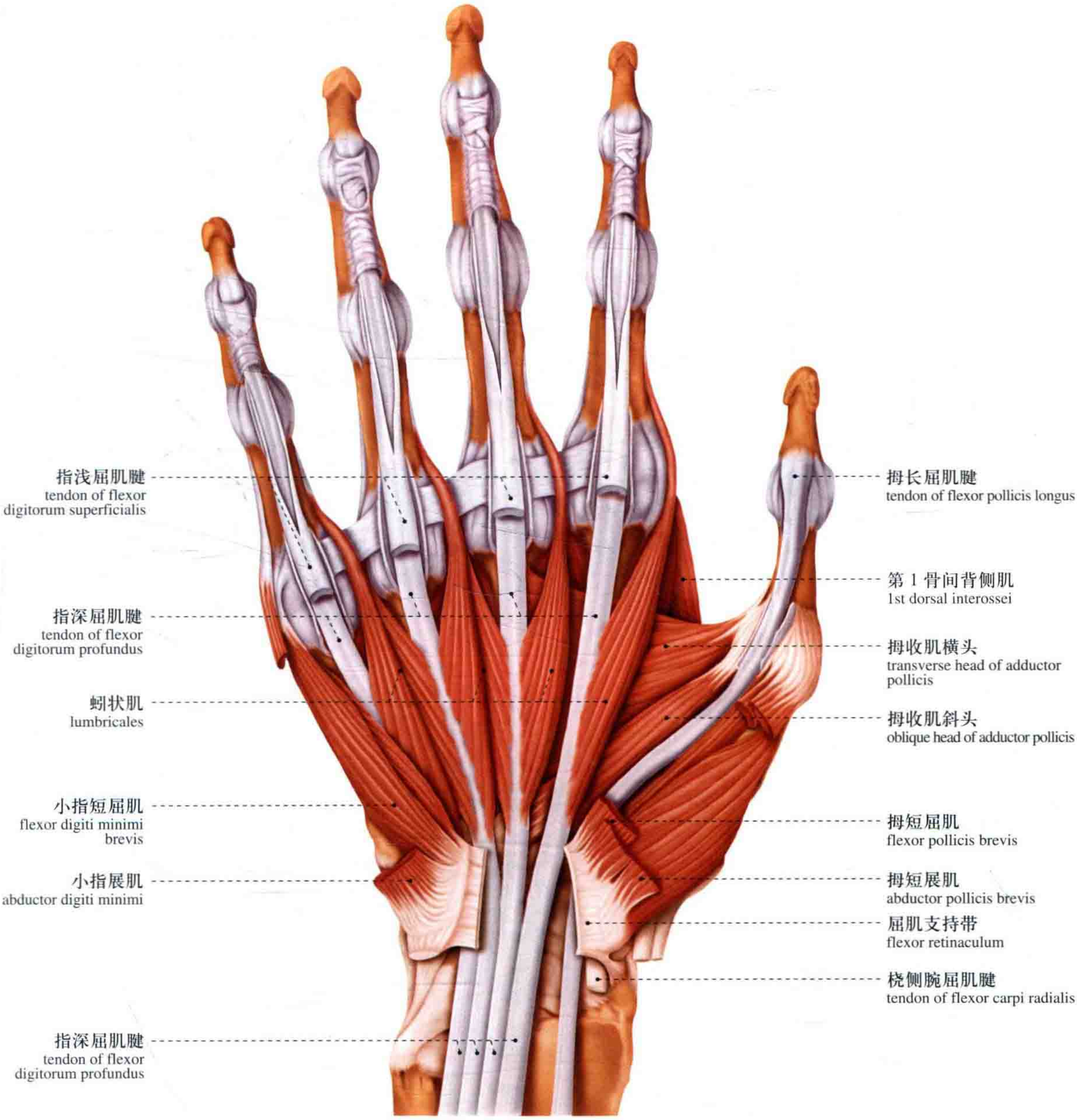


图 213　手部肌肉（掌侧面 3）
Muscles of the hand (palmar aspect 3)

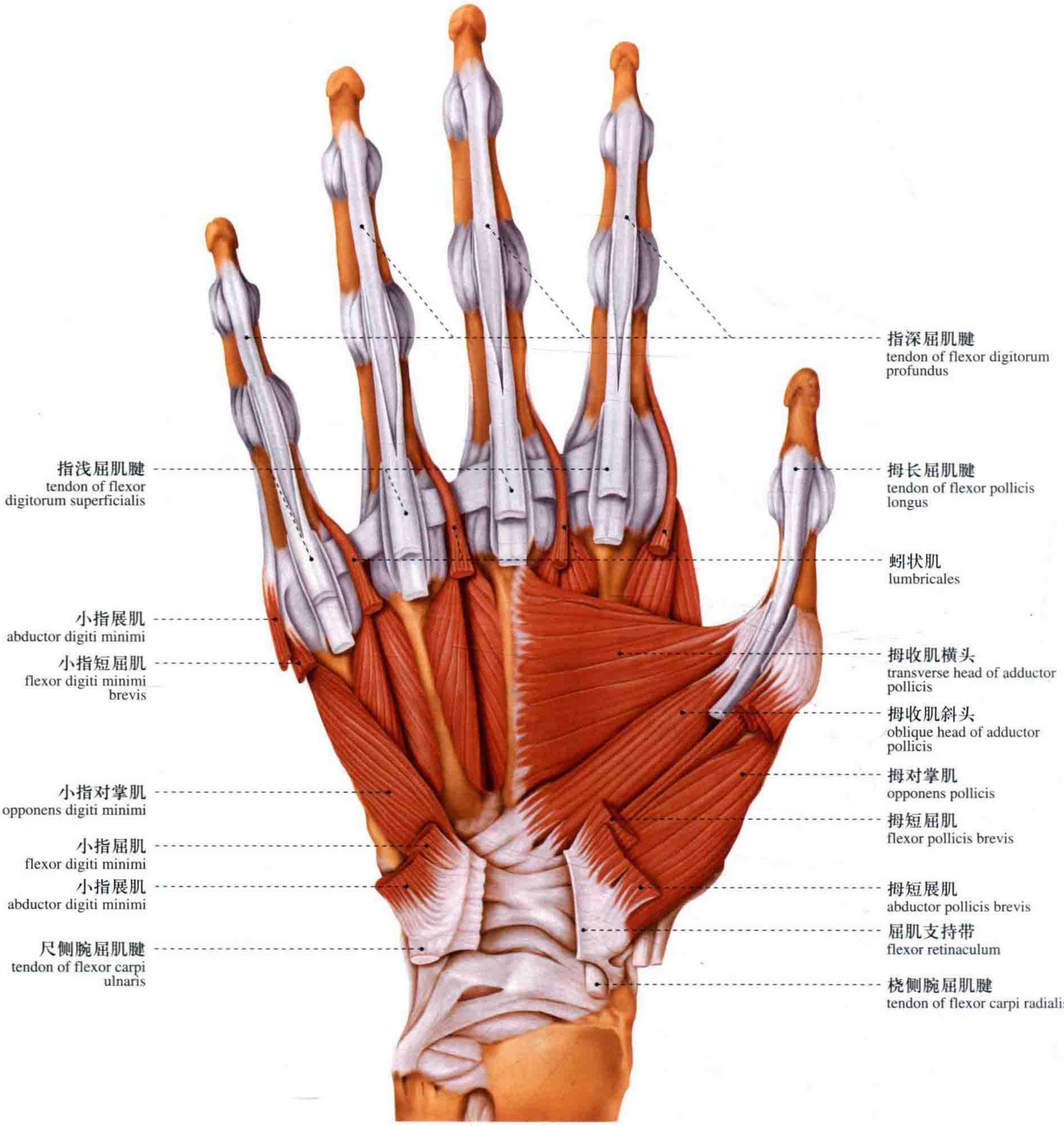


图 214　手部肌肉（掌侧面 4）

Muscles of the hand (palmar aspect 4)

第八节

下肢肌

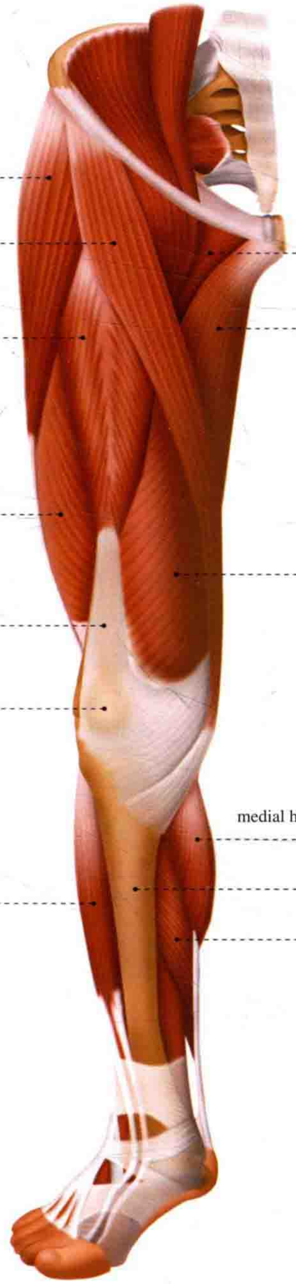


图 215　下肢肌（前面观）
Muscles of the lower limb (anterior aspect)

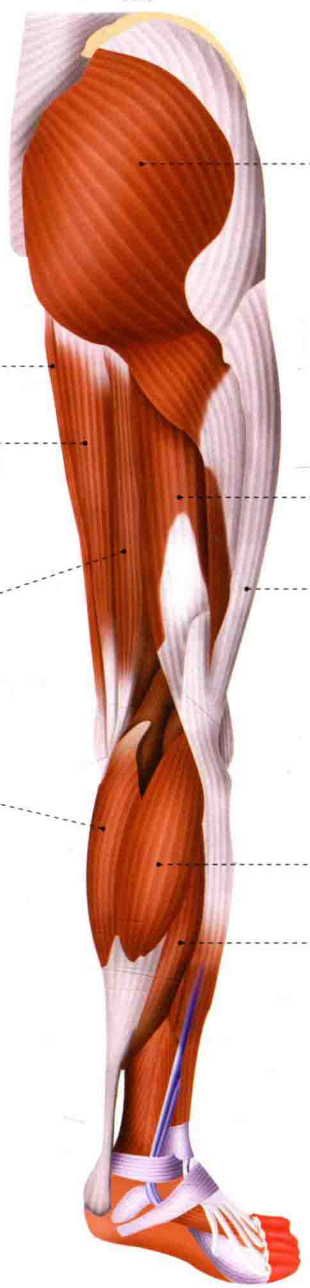


图 216　下肢肌（侧面观）
Muscles of the lower limb (lateral aspect)

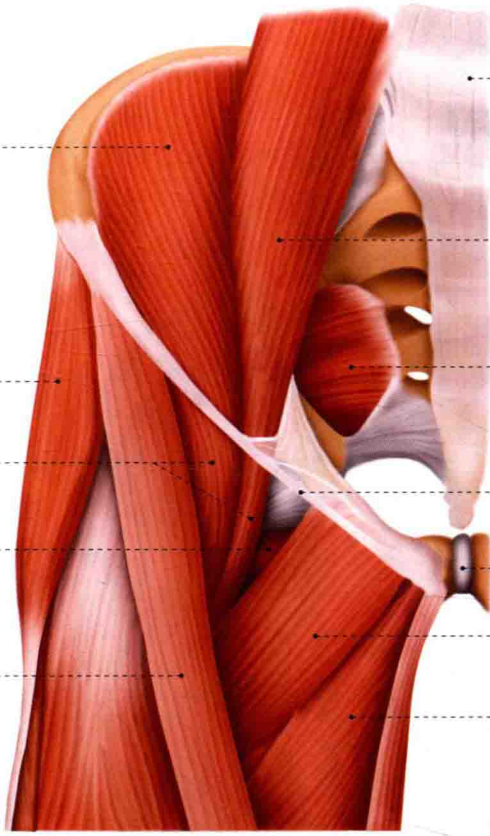


图 217　髋前区肌肉 1

Muscles of anterior region of the hip 1

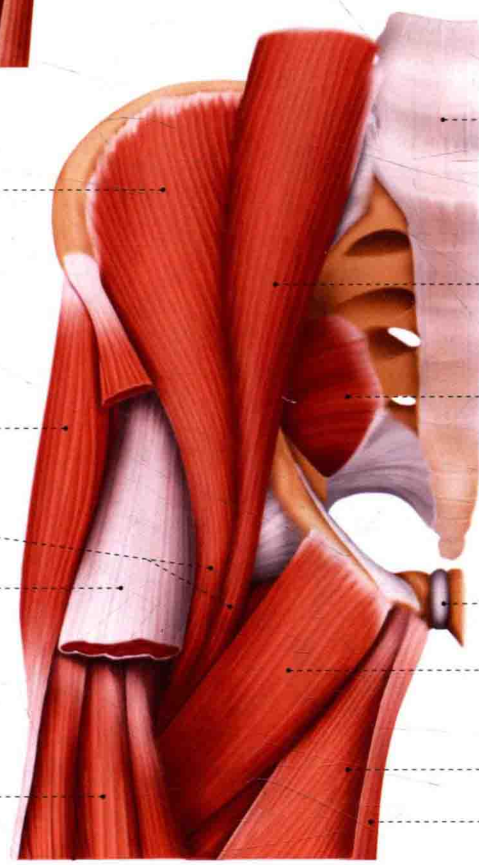


图 218　髋前区肌肉 2

Muscles of anterior region of the hip 2

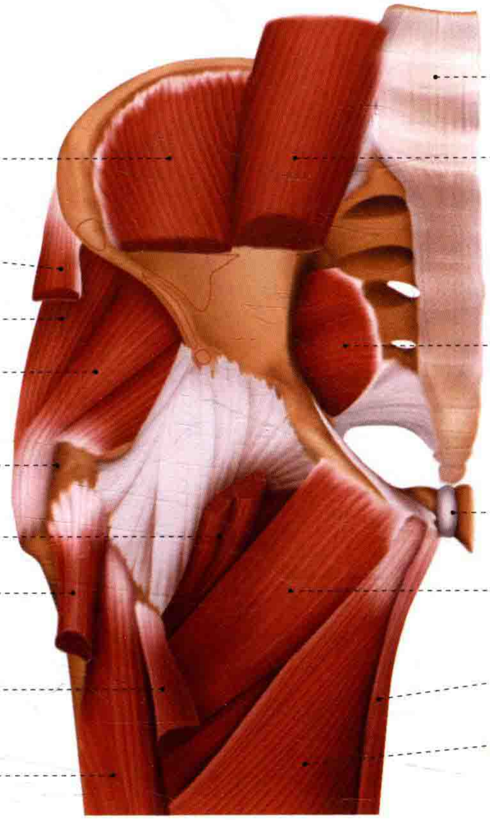


图 219 **髋前区肌肉 3**

Muscles of anterior region of the hip 3

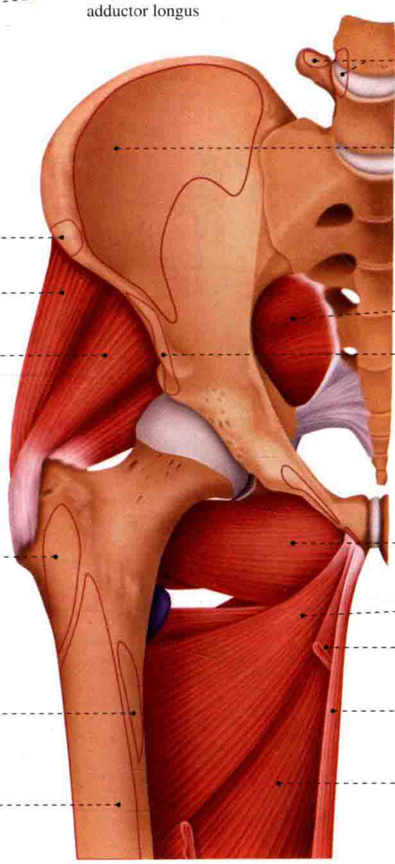


图 220 **髋前区肌肉 4**

Muscles of anterior region of the hip 4

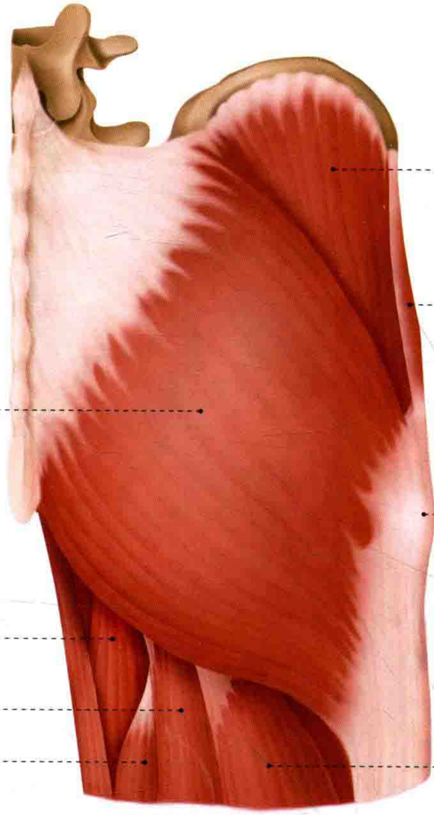


图 221 臀区肌肉 1

Muscles of the gluteal region 1

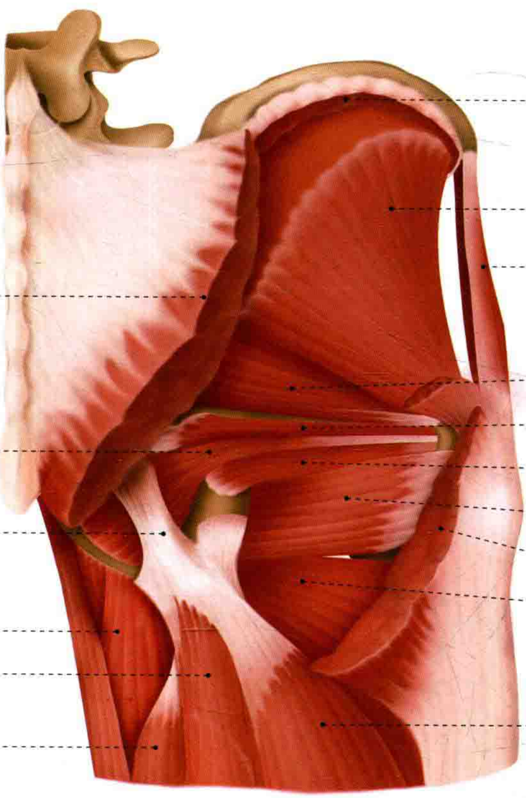


图 222 臀区肌肉 2

Muscles of the gluteal region 2

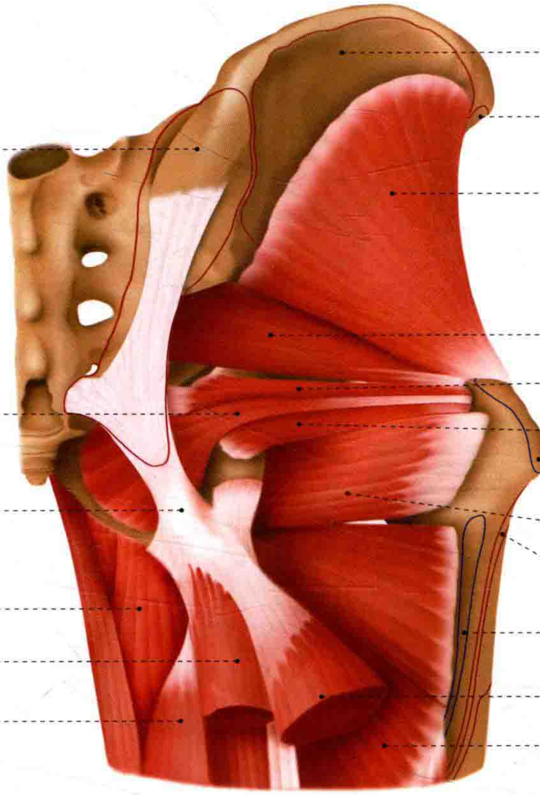


图 223　臀区肌肉 3

Muscles of the gluteal region 3

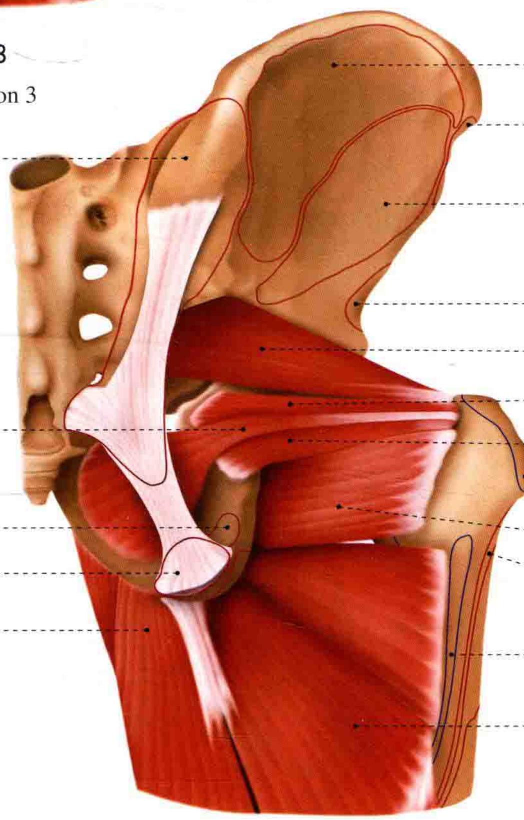


图 224　臀区肌肉 4

Muscles of the gluteal region 4

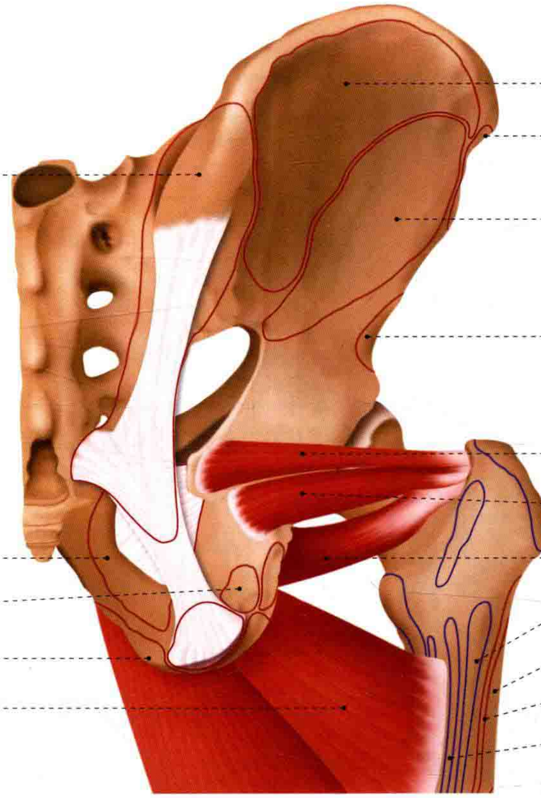


图 225　臀区肌肉 5

Muscles of the gluteal region 5

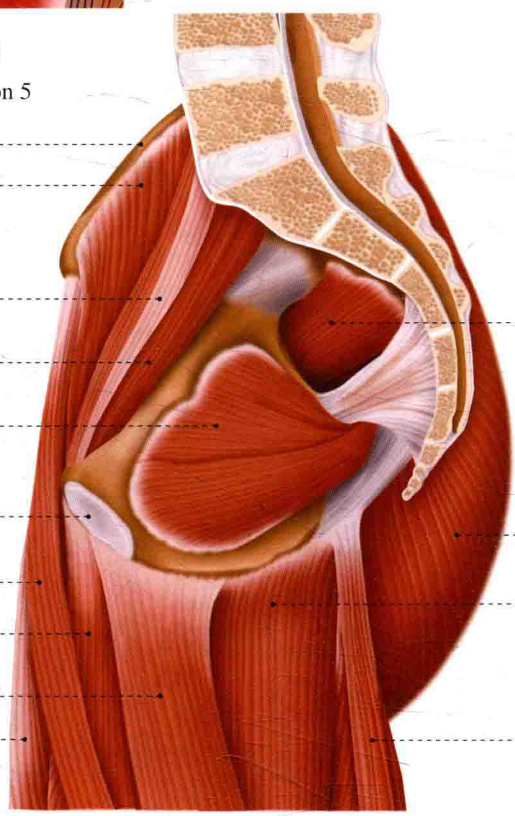


图 226　髋内侧面肌肉

Muscles of the medial aspect of the hip

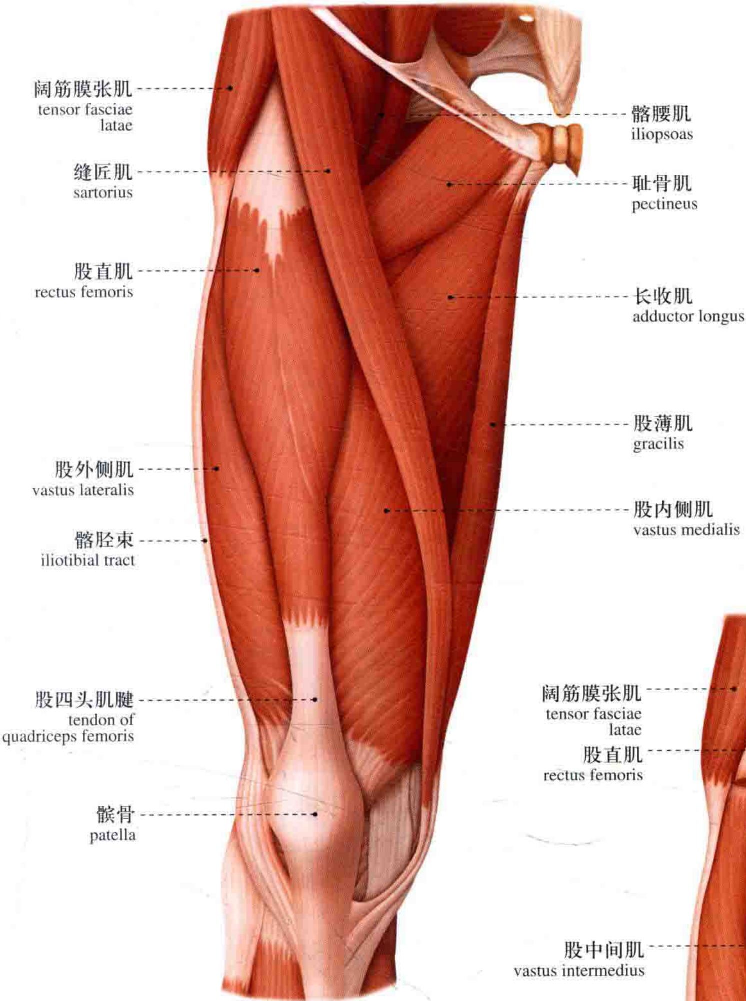


图 227 **股前区肌肉 1**

Muscles of the anterior femoral region 1

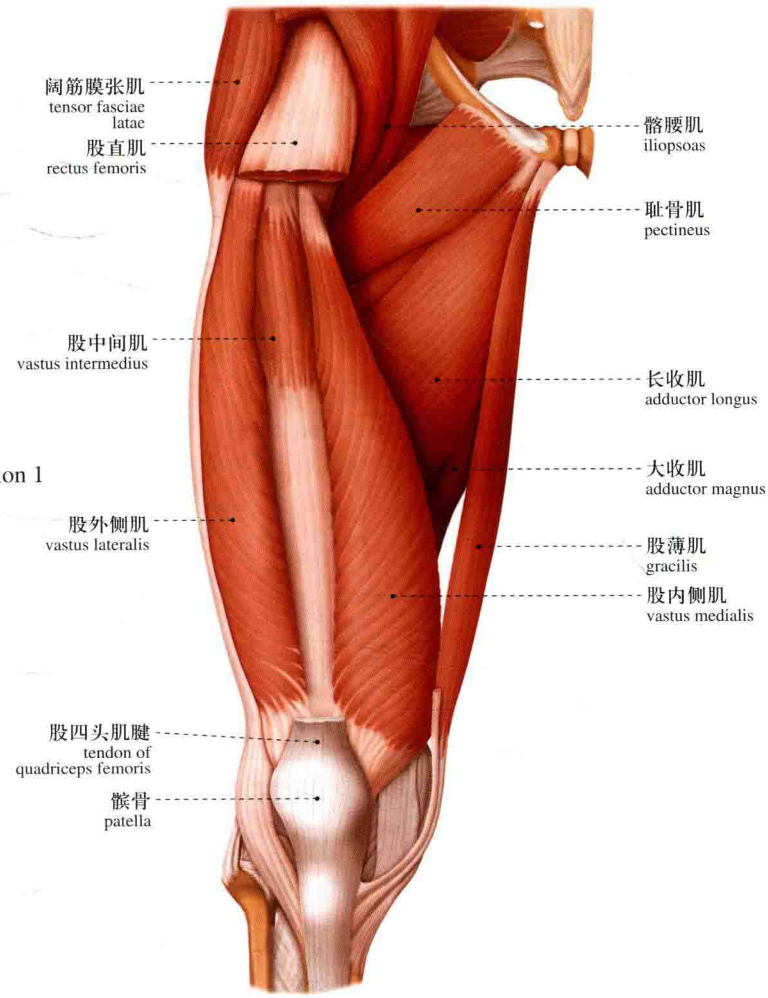


图 228 **股前区肌肉 2**

Muscles of the anterior femoral region 2

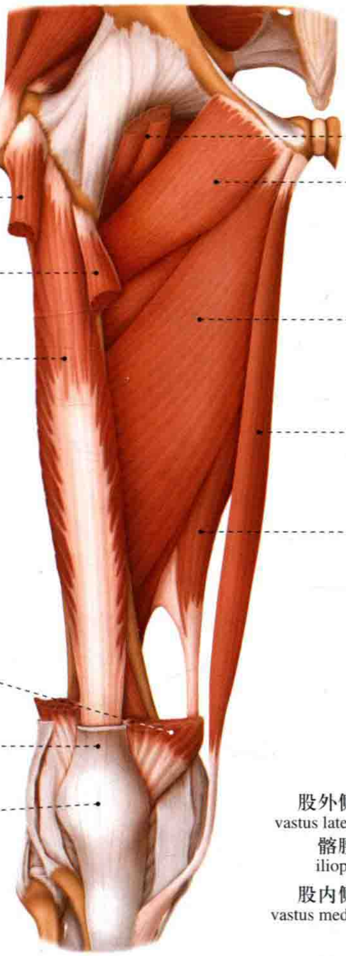


图 229　股前区肌肉 3

Muscles of the anterior femoral region 3

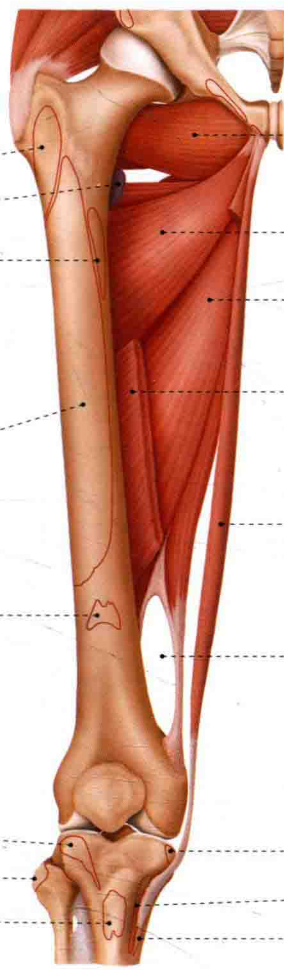


图 230　股前区肌肉 4

Muscles of the anterior femoral region 4



图 231 股后区肌肉 1

Muscles of the posterior femoral region 1

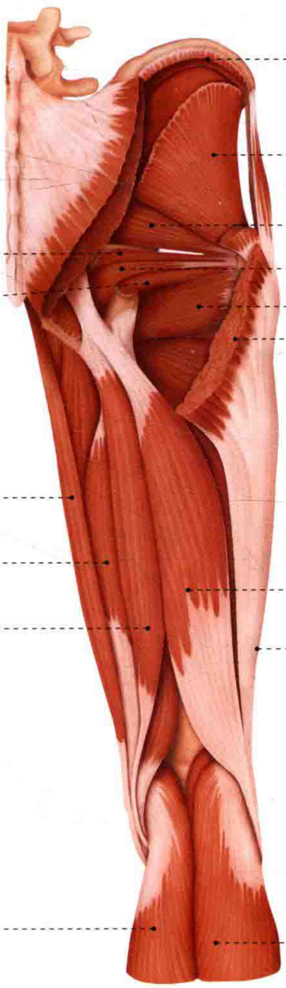


图 232 股后区肌肉 2

Muscles of the posterior femoral region 2

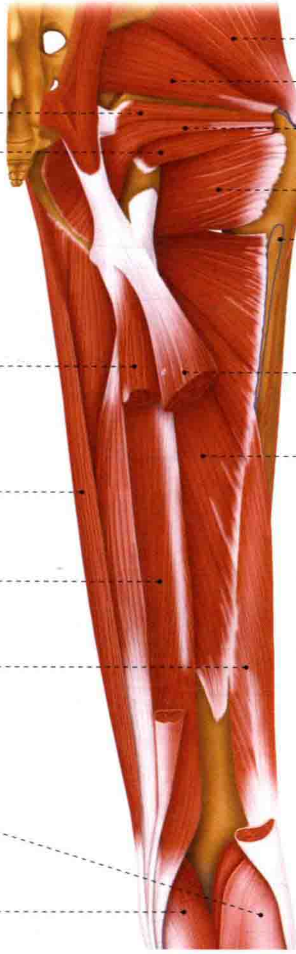


图 233　股后区肌肉 3

Muscles of the posterior femoral region 3

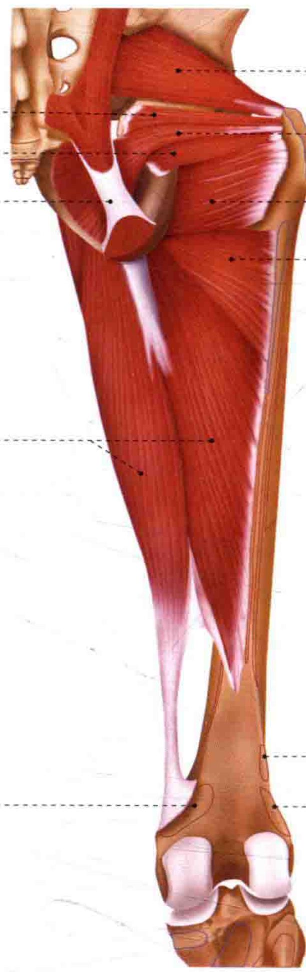


图 234　股后区肌肉 4

Muscles of the posterior femoral region 4

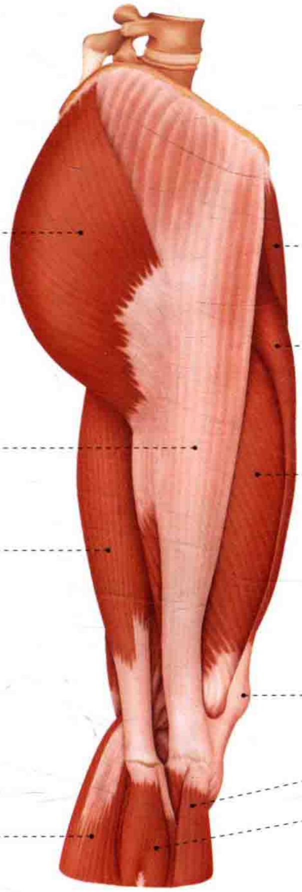


图 235 **股外侧面肌肉**

Muscles of the lateral femoral aspect



图 236 **股内侧面肌肉**

Muscles of the medial femoral aspect

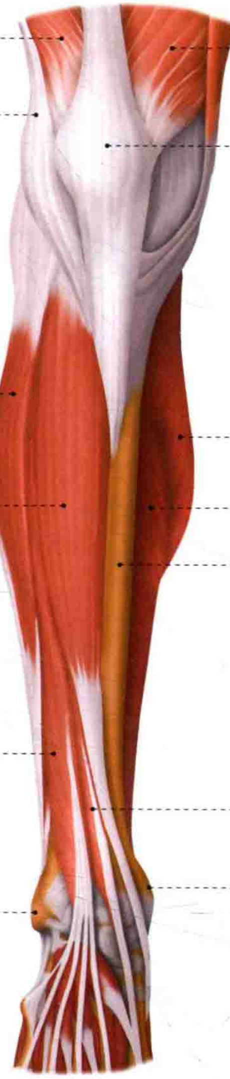


图 237　小腿前区肌肉 1

Muscles of the anterior crural region 1

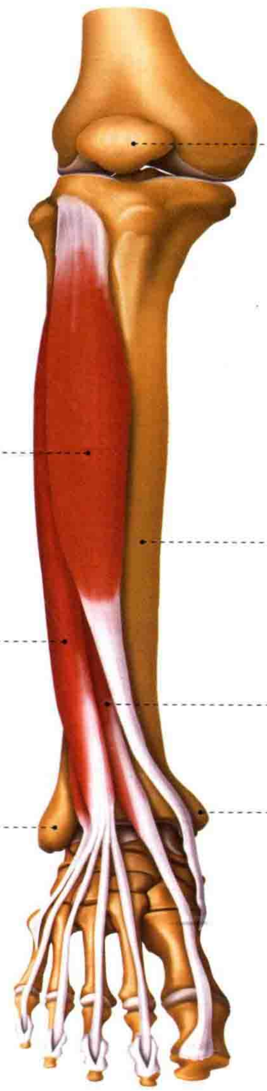


图 238　小腿前区肌肉 2

Muscles of the anterior crural region 2



图 239　**小腿后区肌肉 1**

Muscles of the posterior crural region 1



图 240　**小腿后区肌肉 2**

Muscles of the posterior crural region 2

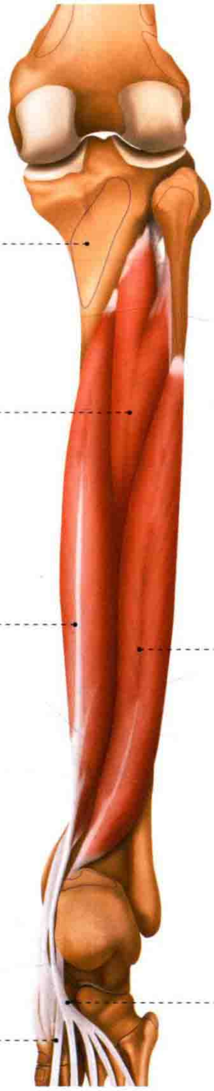


图 241　小腿后区肌肉 3

Muscles of the posterior crural region 3



图 242　小腿外侧面肌肉

Muscles of the lateral crural aspect

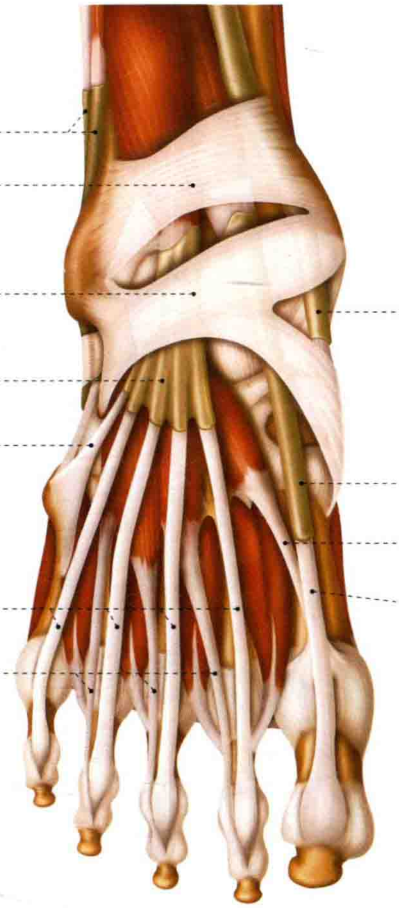


图 243 足背区肌肉 1

Muscles of the dorsal region of the foot 1

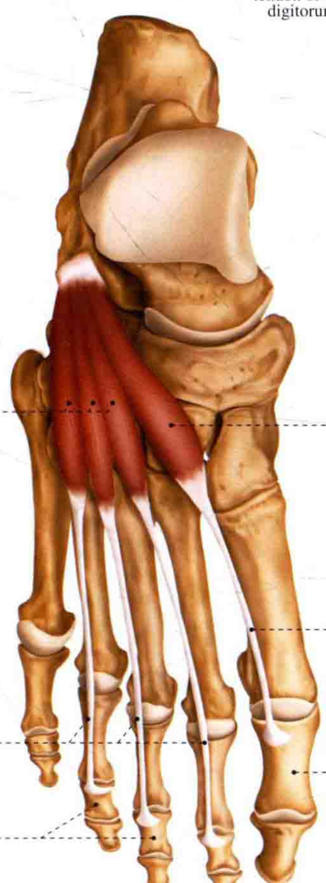


图 244 足背区肌肉 2

Muscles of the dorsal region of the foot 2

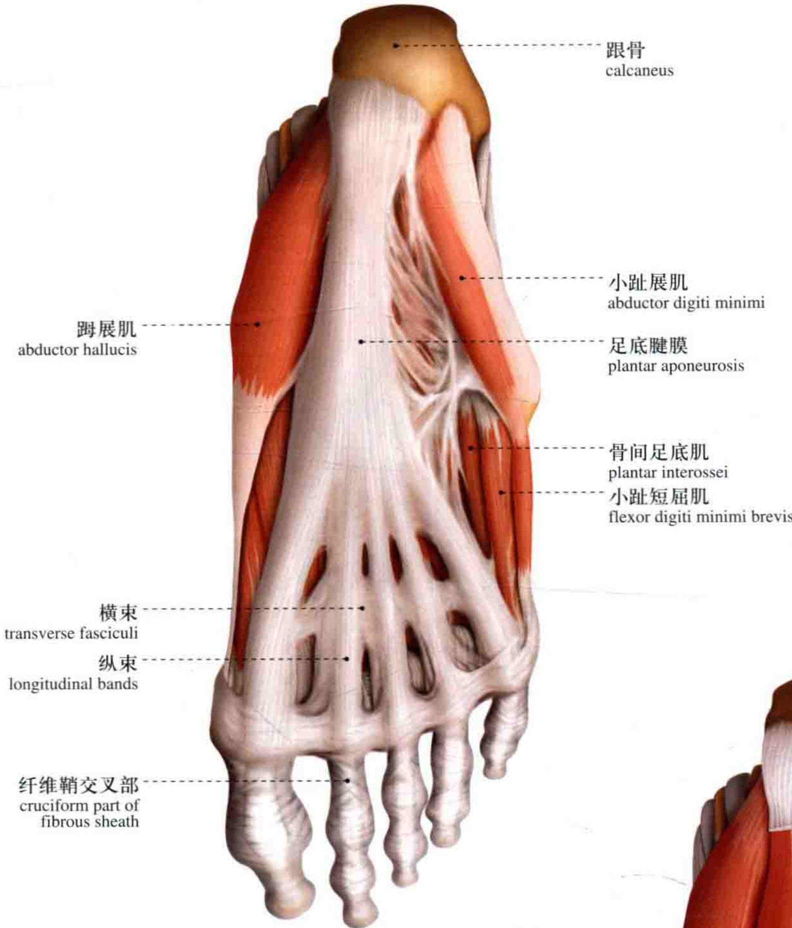


图 245 足底区肌肉 1

Muscles of the plantar region of the foot 1

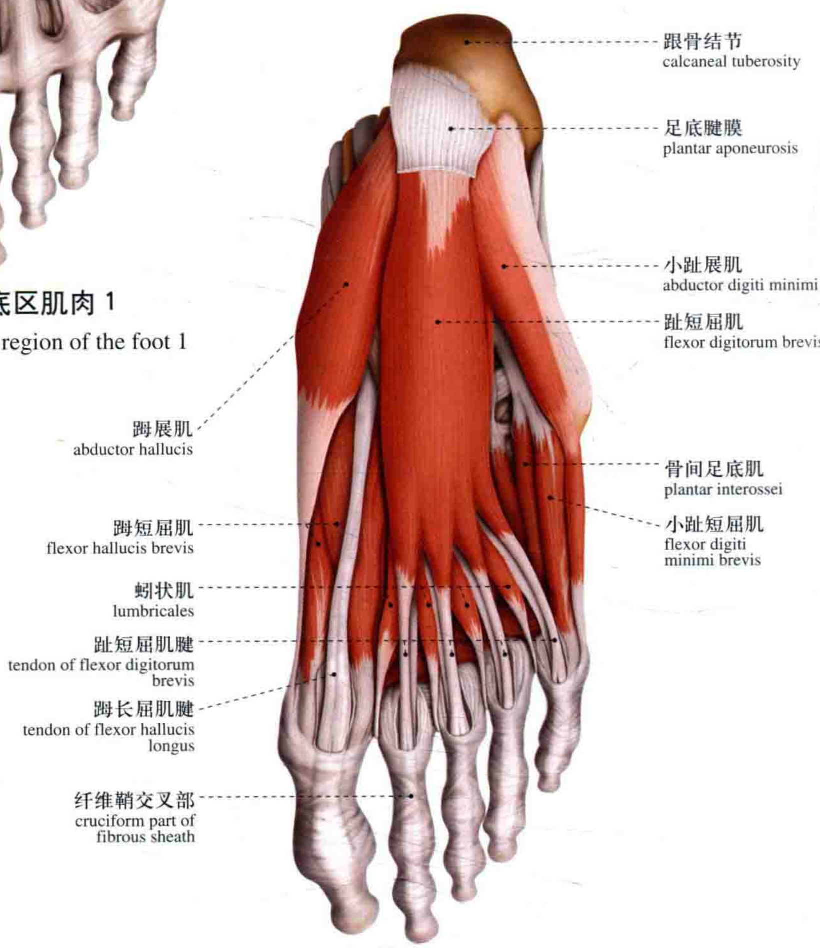


图 246 足底区肌肉 2

Muscles of the plantar region of the foot 2

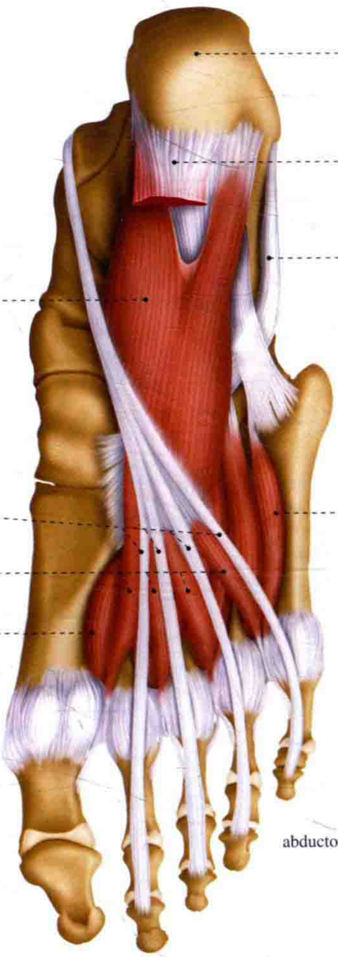


图 247　**足底区肌肉 3**

Muscles of the plantar region of the foot 3

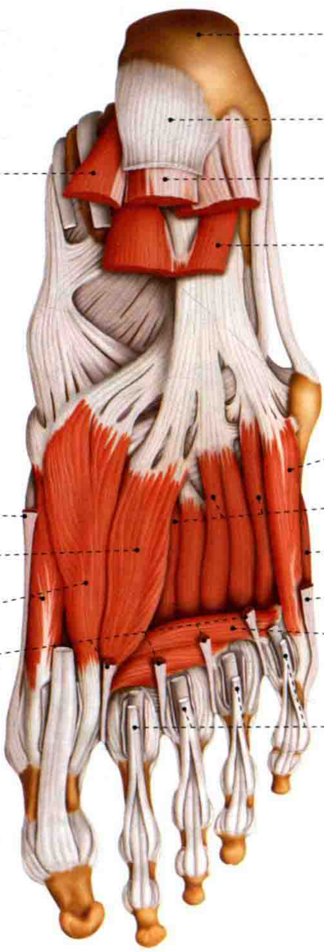


图 248　**足底区肌肉 4**

Muscles of the plantar region of the foot 4

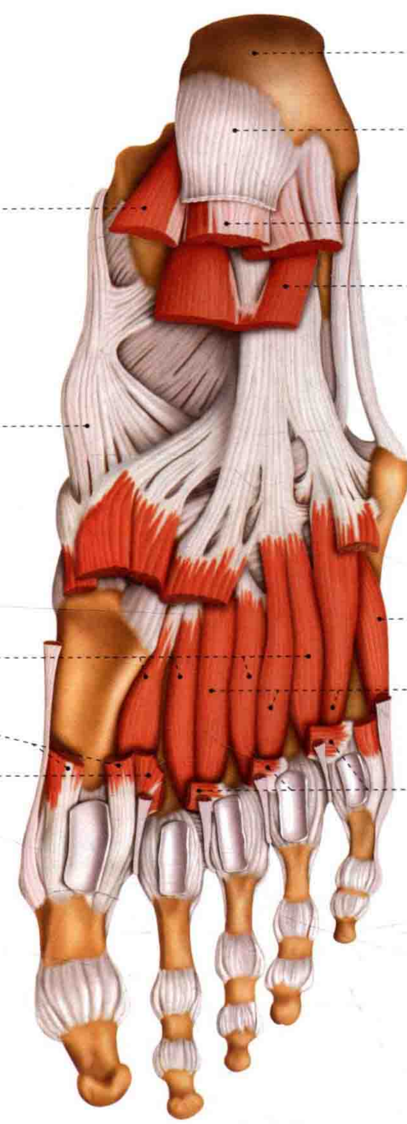


图 249　足底区肌肉 5

Muscles of the plantar region of the foot 5



图 250　足外侧面肌肉

Muscles of the lateral aspect of the foot

第一节

消化系统模式图

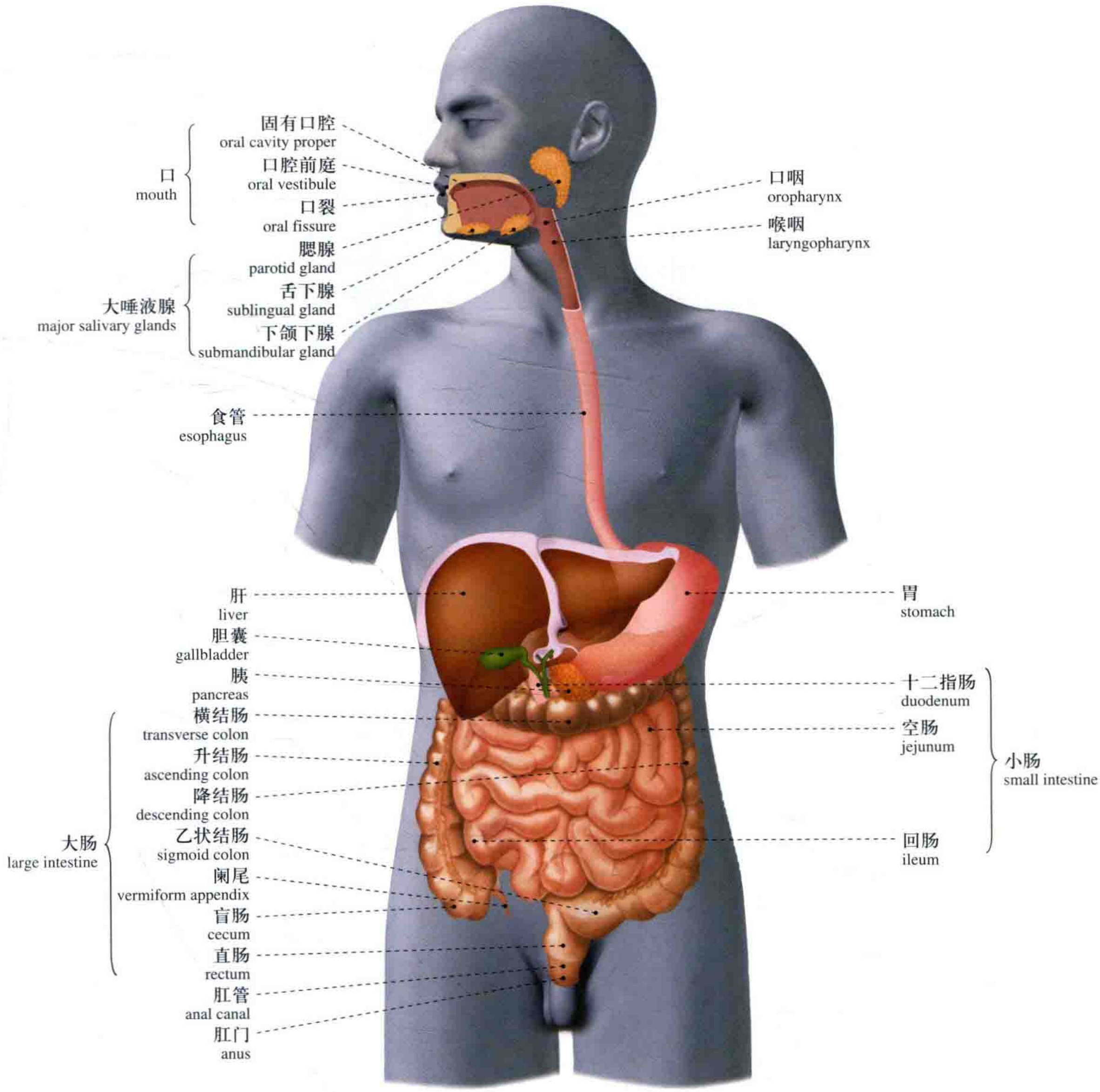


图 251　消化系统（模式图）

Alimentary system (diagram)

第二节

口 腔

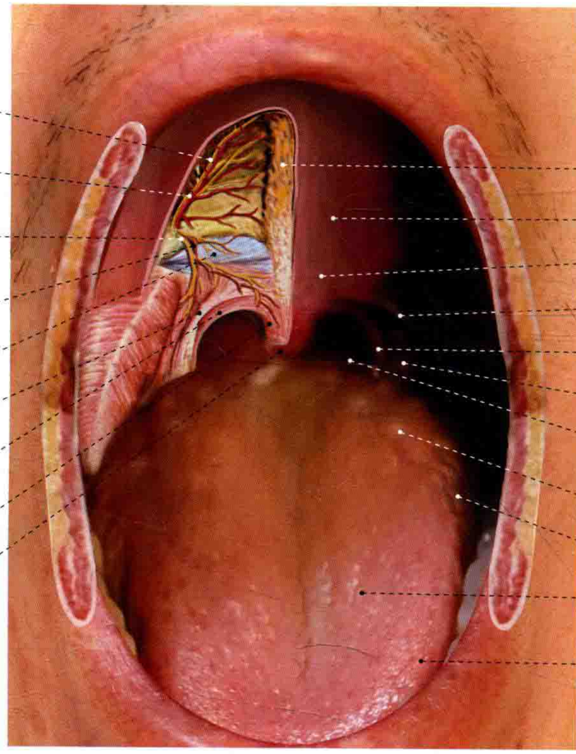


图 252 口腔及扁桃体动脉

Oral cavity and the arteries of the palatine tonsil

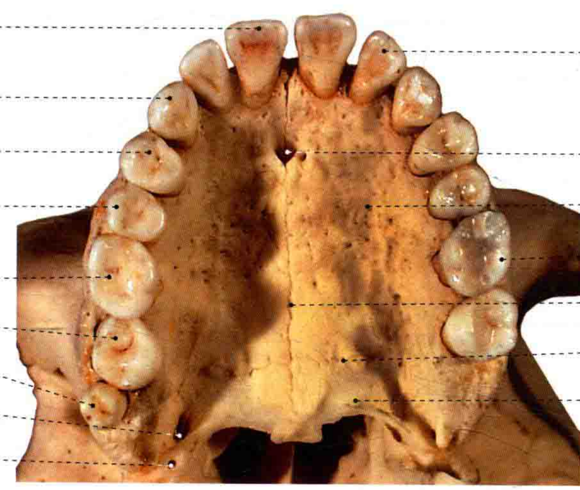


图 253 上颌恒牙（下面观）

Maxillary permanent tooth (inferior aspect)



图 254　下颌恒牙（上面观）

Mandibular permanent tooth (superior aspect)

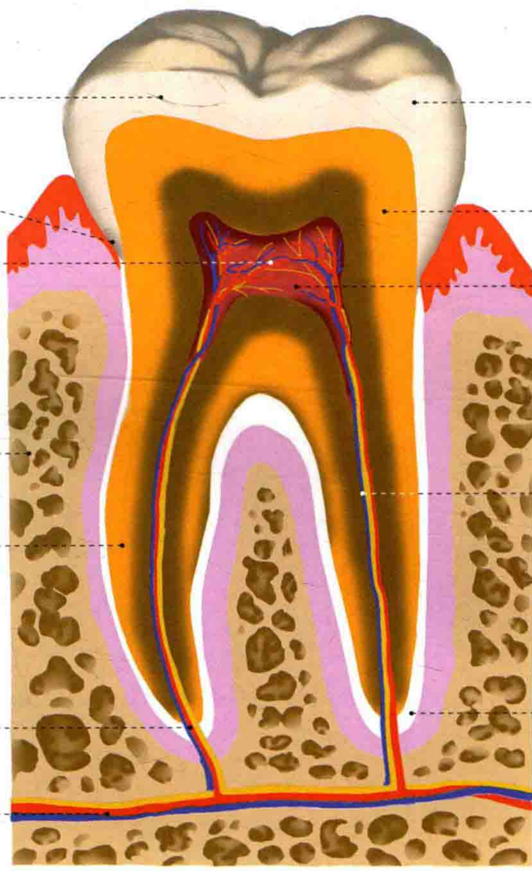


图 255　牙的构造

Structure of the teeth



图 256　**上下颌恒牙（左侧）**

Maxillary and mandibular permanent tooth (left)

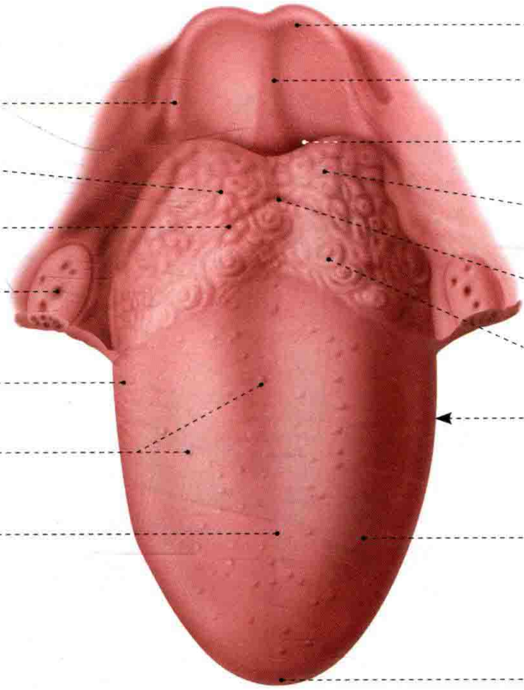


图 257 舌背面

Dorsum of the tongue

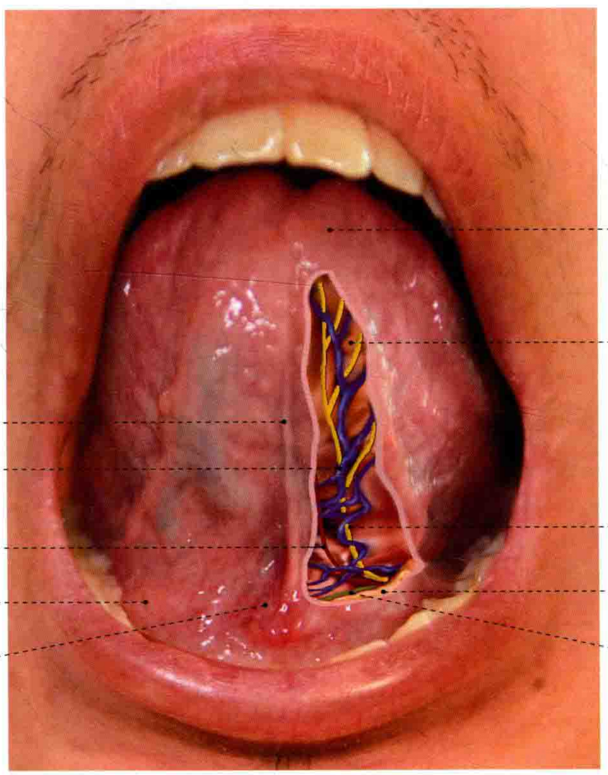


图 258 舌的血管神经

Blood vessels and nerves of the tongue

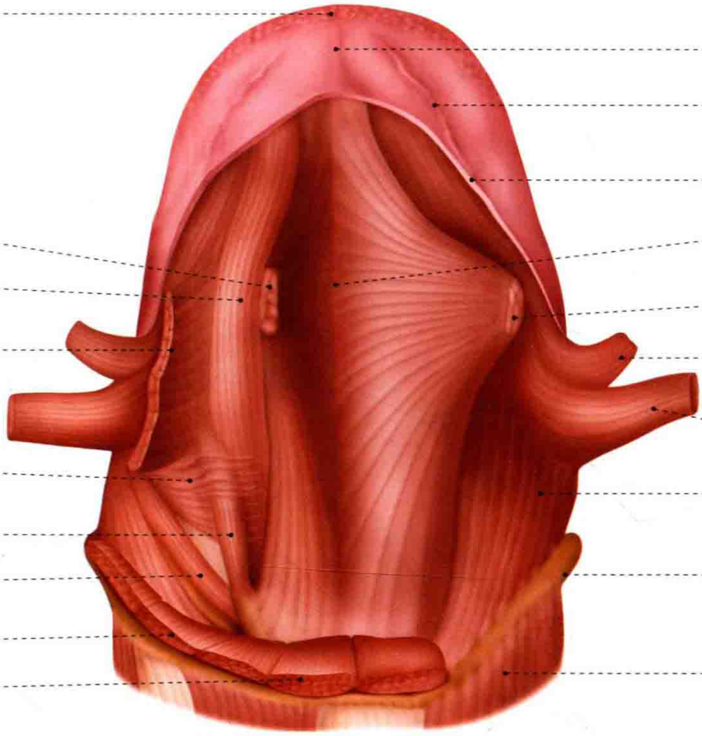


图 259　舌肌（下面观）

Muscles of the tongue (inferior aspect)

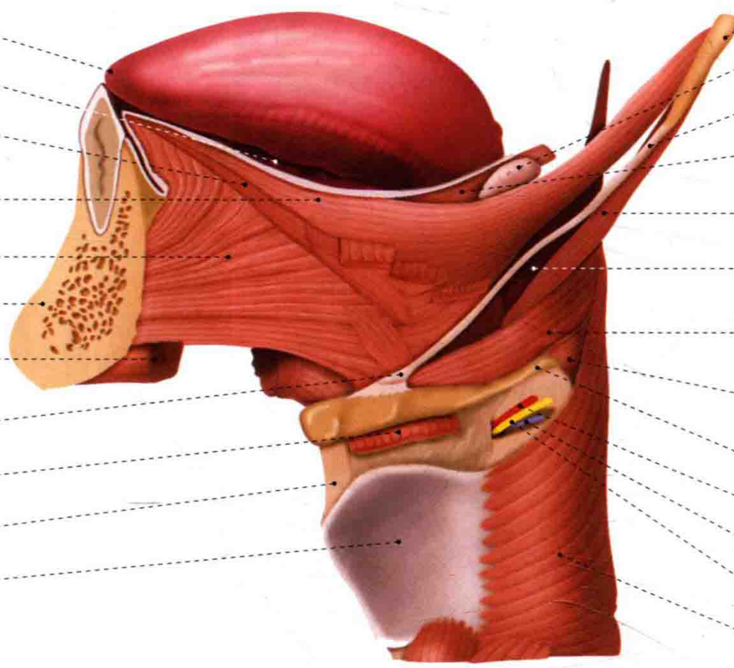


图 260　舌肌、咽肌

Muscles of the tongue and pharynx

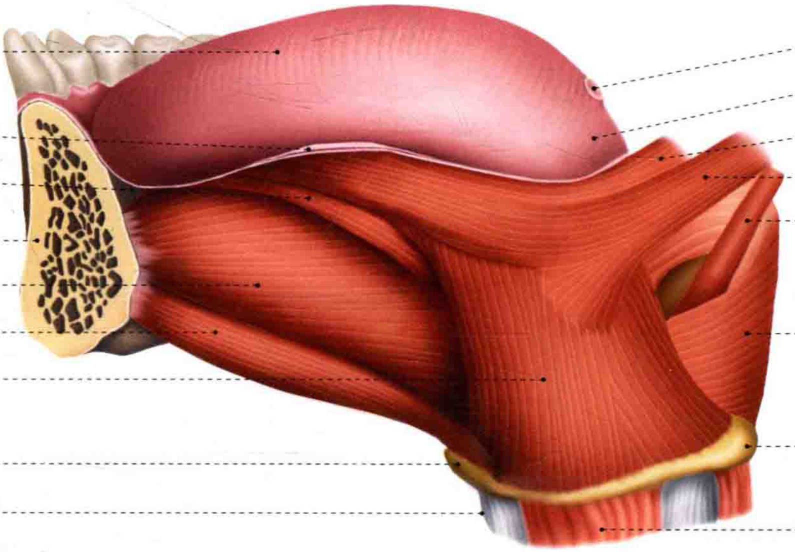


图 261　舌肌（外侧面观 1）

Muscles of the tongue (lateral aspect 1)

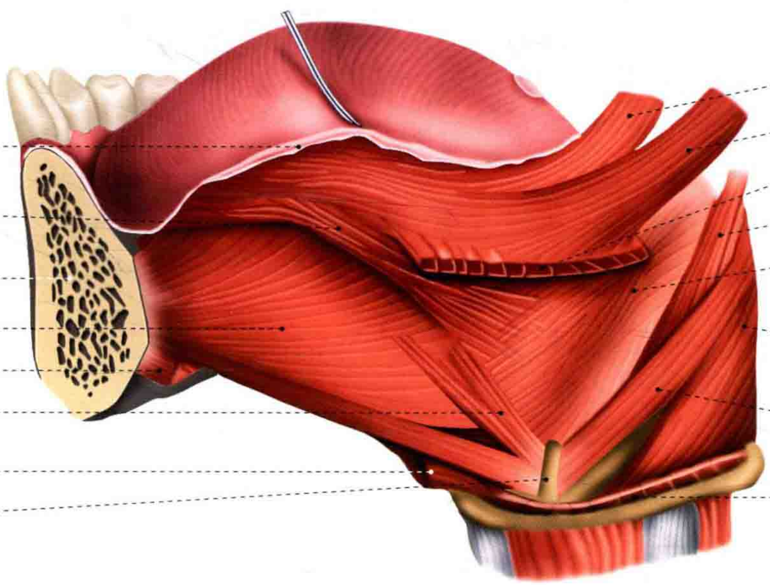


图 262　舌肌（外侧面观 2）

Muscles of the tongue (lateral aspect 2)

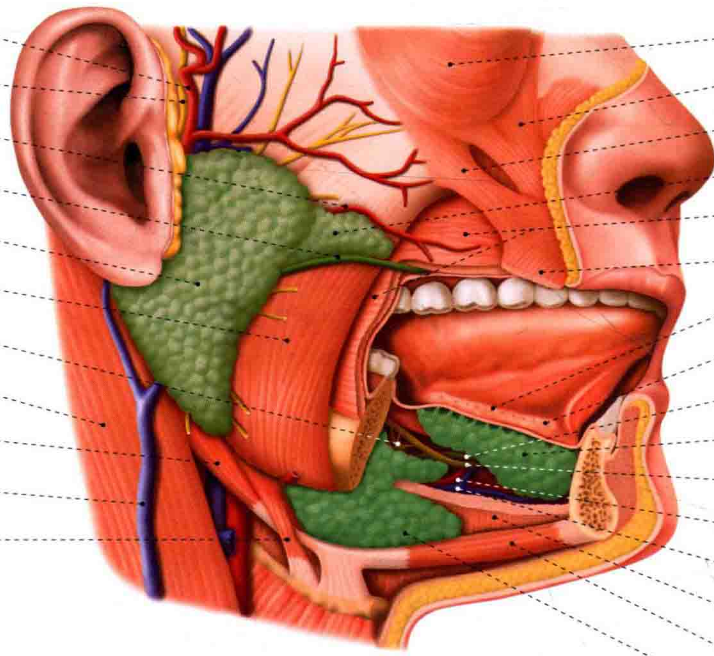


图 263　**腮腺、下颌下腺及舌下腺（外侧面观）**

Parotid, submandibular and sublingual glands (lateral aspect)

第三节

咽

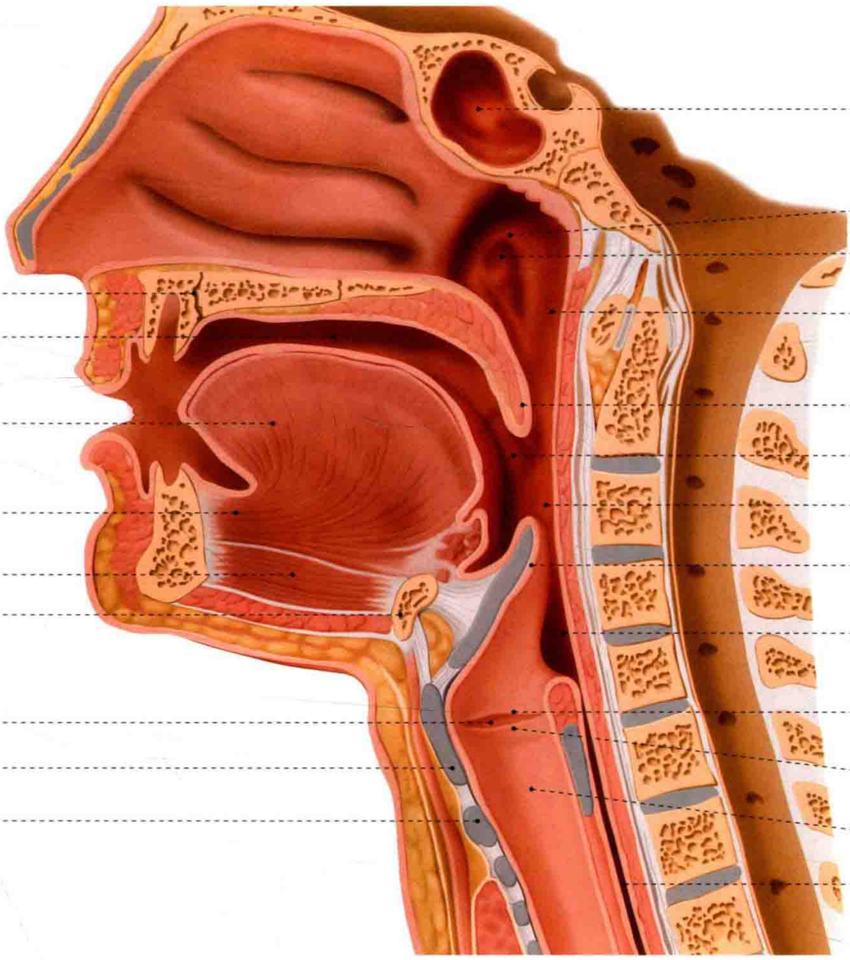


图 264 鼻腔、口腔、咽和喉（正中矢状断面观）
Nasal cavity, oral cavity, pharynx and larynx (midsagittal section aspect)

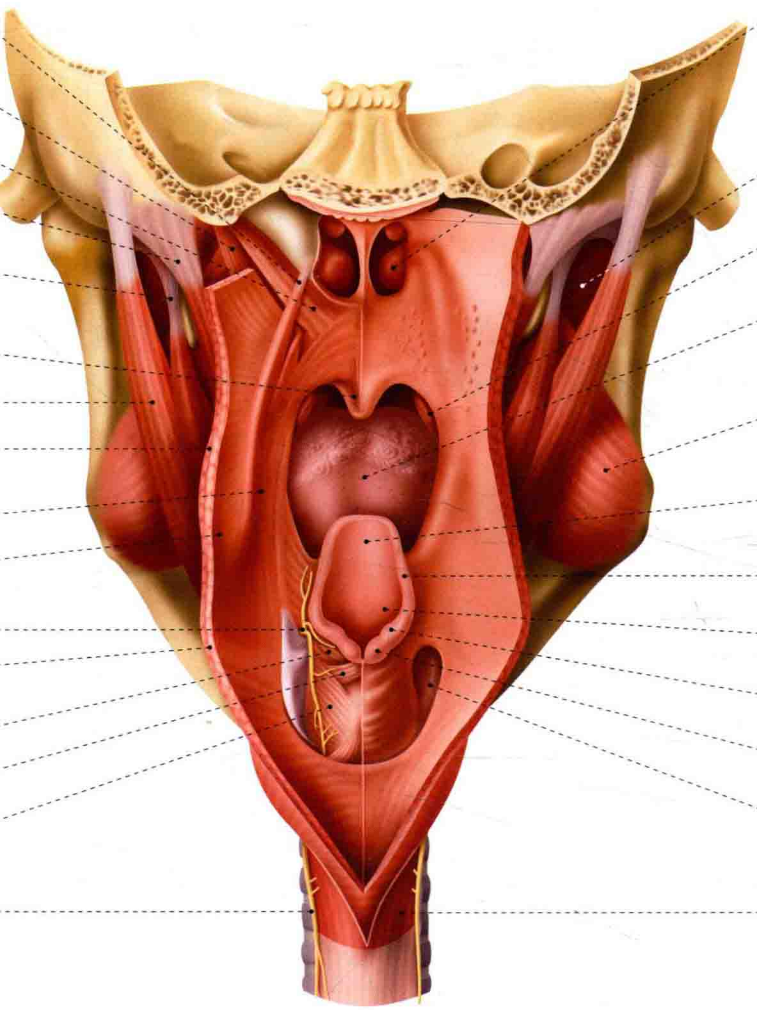


图 265 咽腔（后面观）

Pharyngeal cavity (posterior aspect)

第四节

食 管

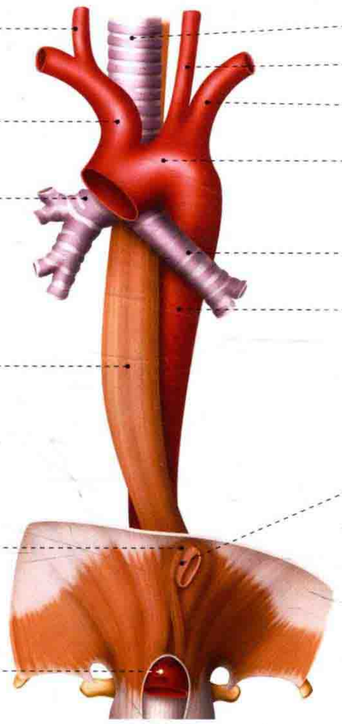


图 266 食管与主动脉毗邻（前面观）

Esophagus and aorta adjacent (anterior aspect)

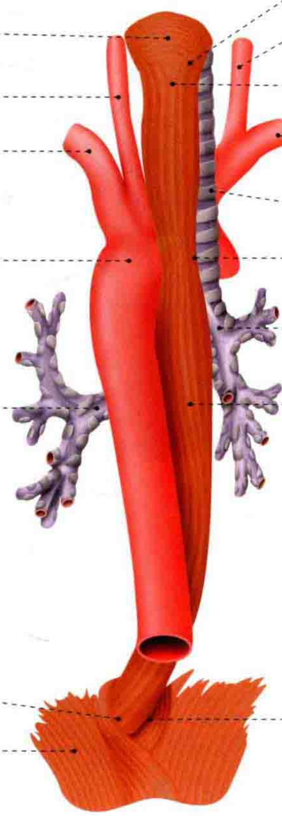


图 267 主动脉、食管与气管毗邻（后面观）

Aorta, esophagus and trachea adjacent (posterior aspect)

第五节

胃

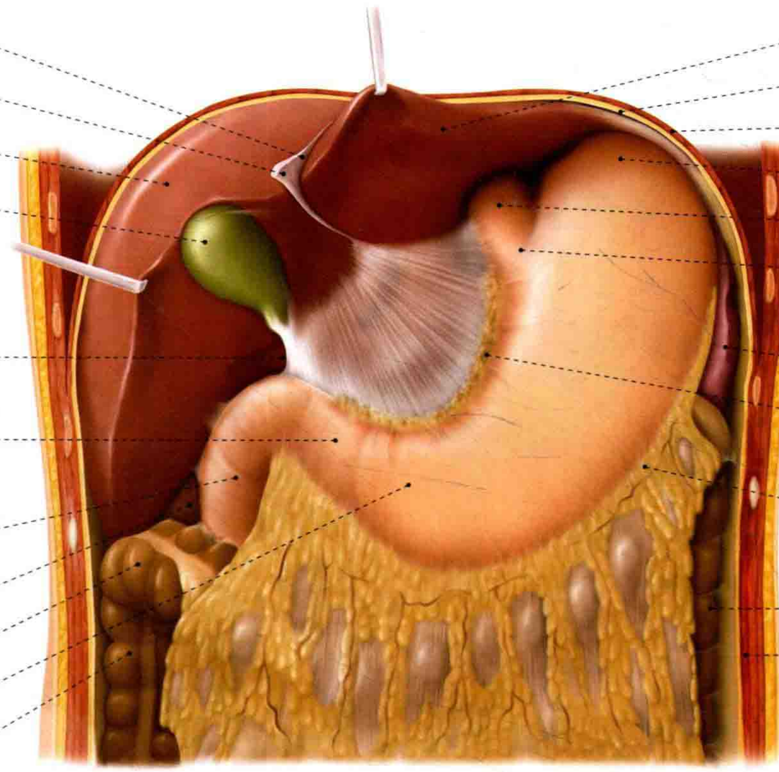


图 268 **胃**
Stomach

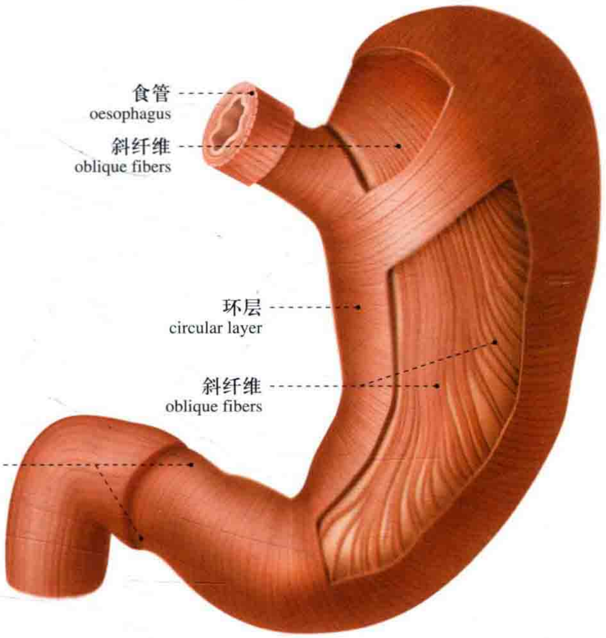


图 269 **胃的肌层**

Muscle layer of the stomach

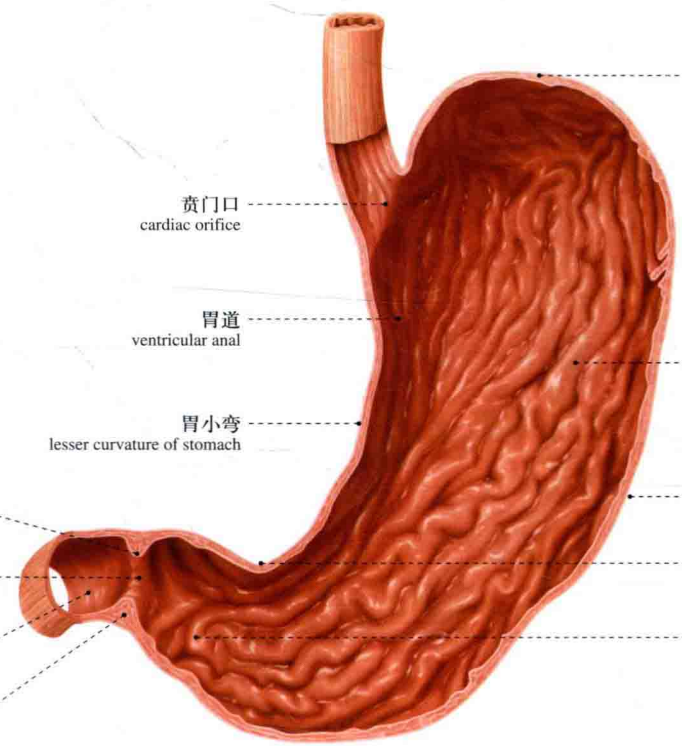


图 270 **胃黏膜**

Gastric mucosa

第六节

小 肠

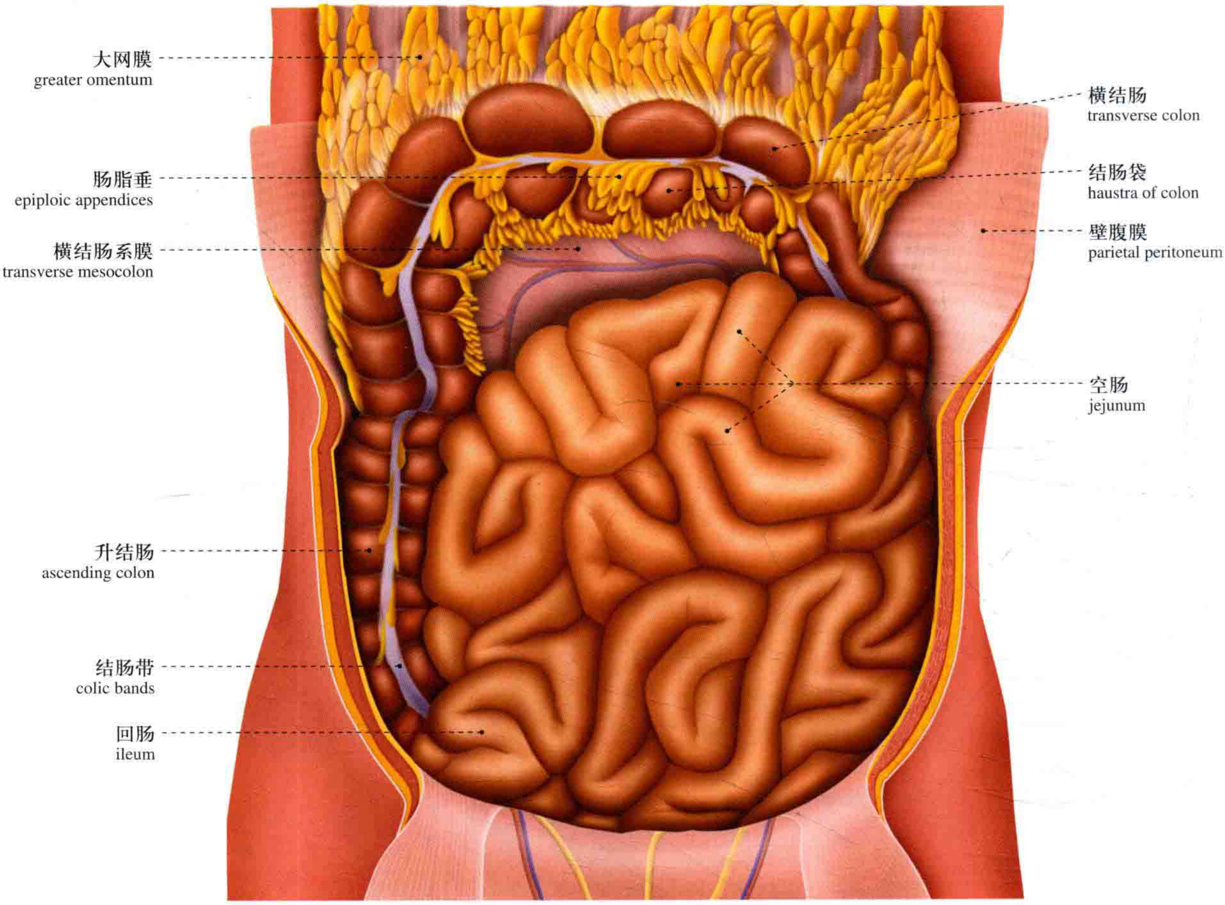


图 271 小肠
Small intestine

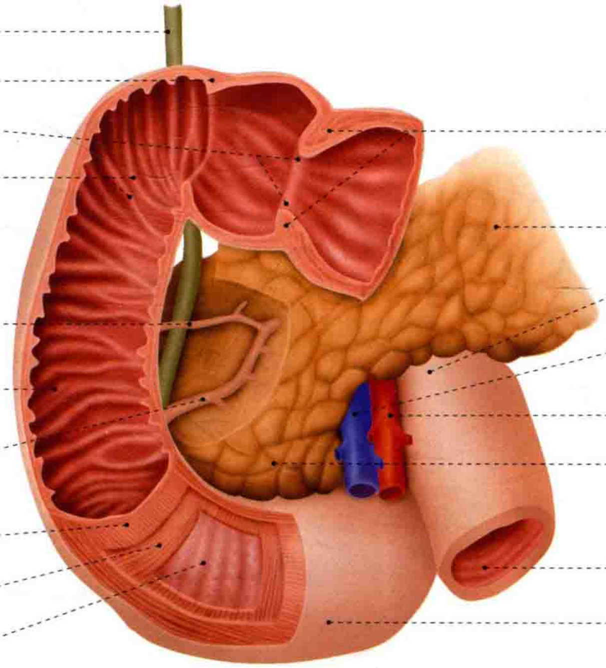


图 272　十二指肠的构造
Construction of the duodenum

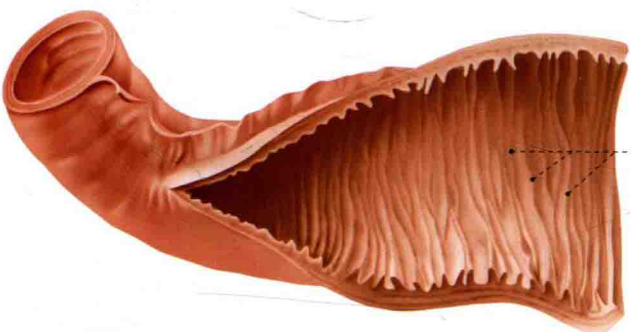


图 273　空肠（内面观）
Jejunum (internal aspect)



图 274　回肠（内面观）
Ileum (internal aspect)

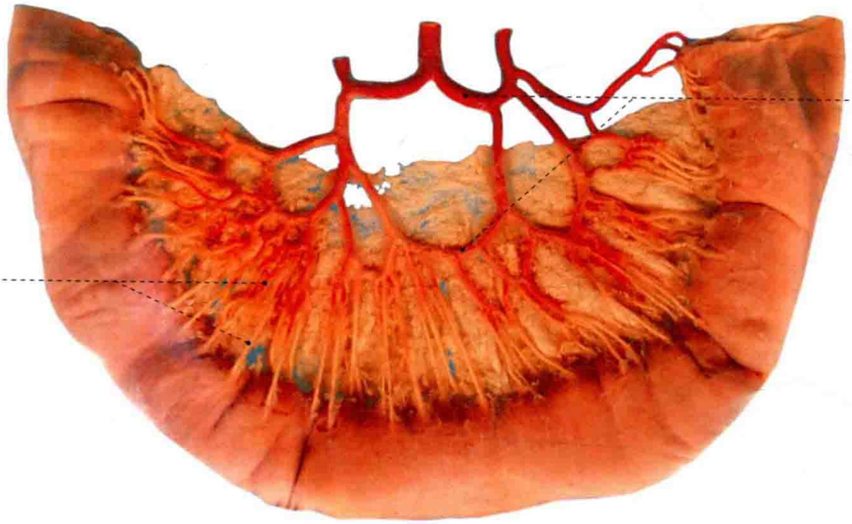


图 275 **空肠动脉弓**

Arterial arcades of the jejunal

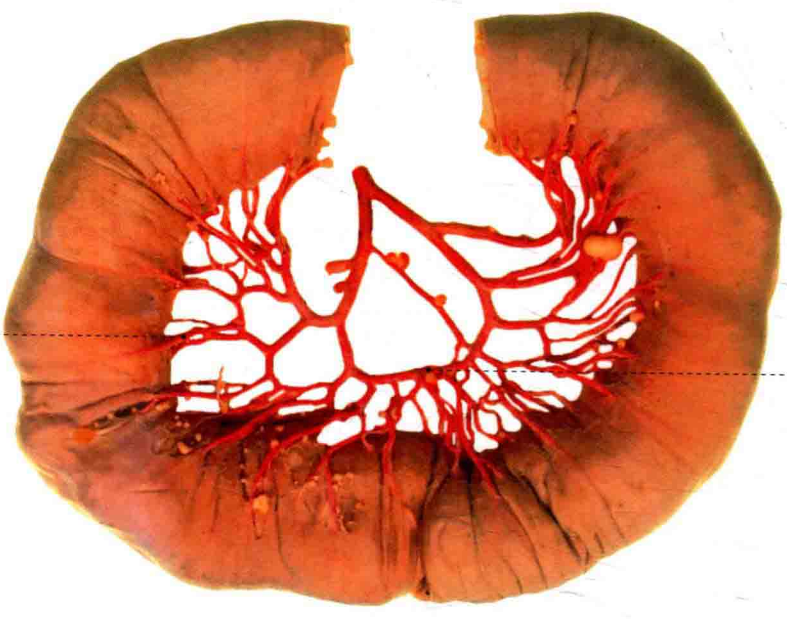


图 276 **回肠动脉弓**

Arterial arcades of the ileum

第七节

大 肠

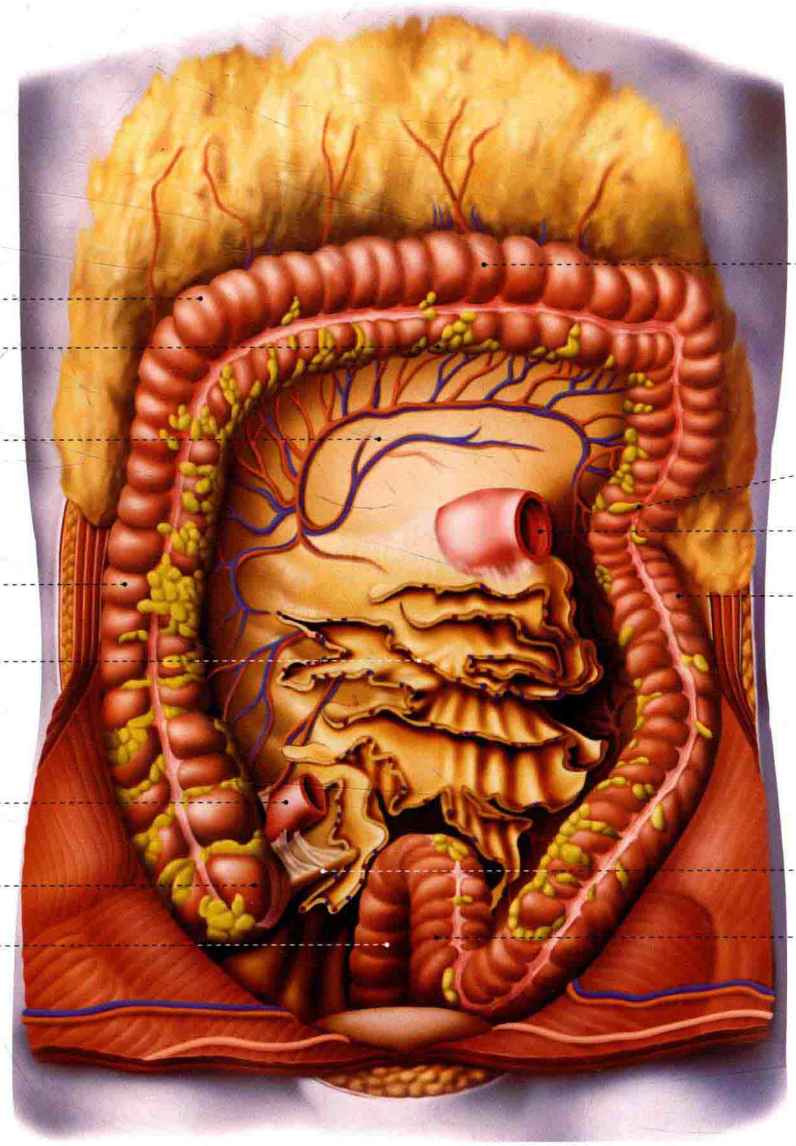


图 277 **结肠 1**
Colon 1



图 278 **结肠 2**

Colon 2

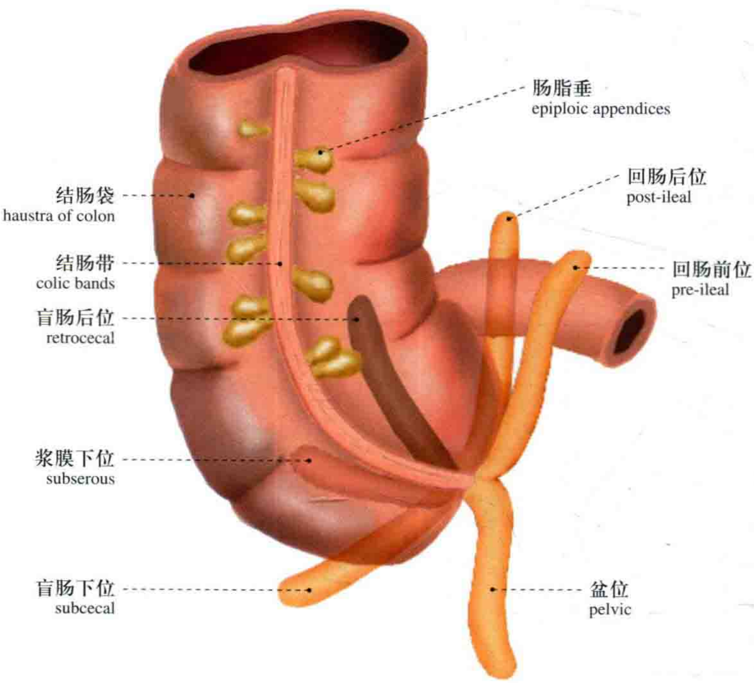


图 279 **阑尾位置**

Position of the vermiform appendix

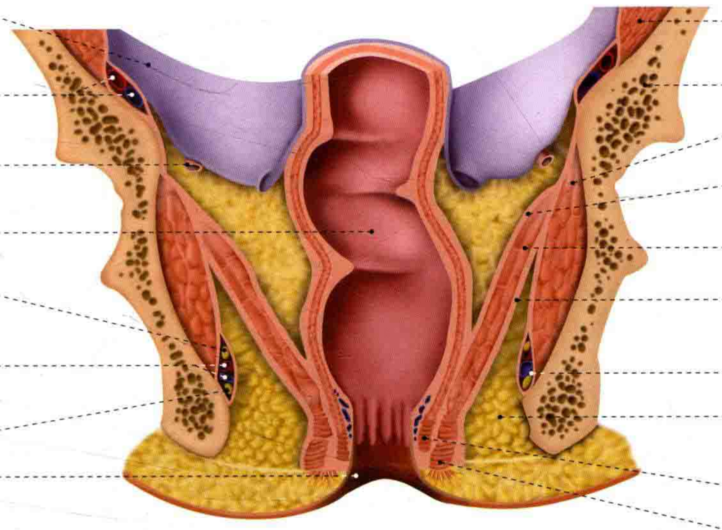


图 280 **直肠（男性骨盆冠状切面）**

Rectum (coronal section of male pelvis)

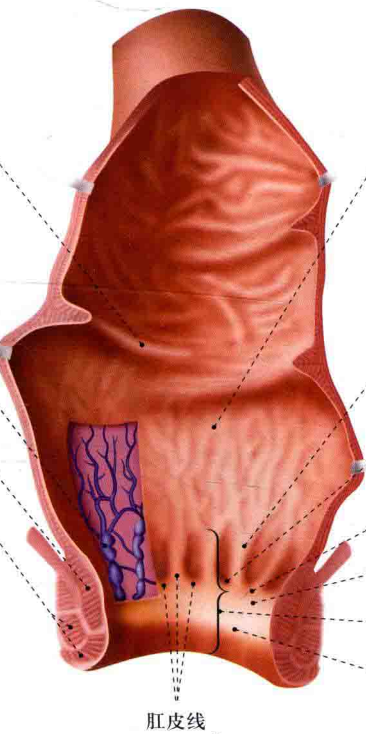


图 281 **直肠（内面观）**

Rectum (internal aspect)

第八节

肝

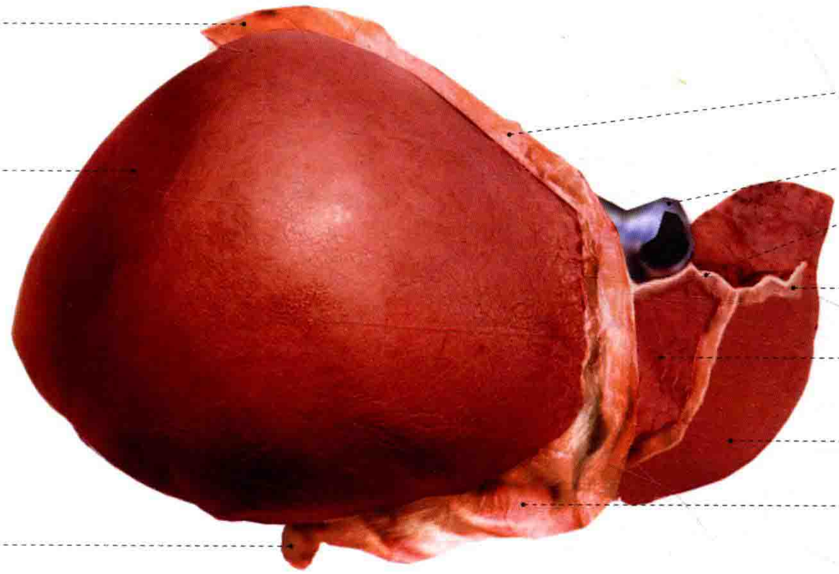


图 282　肝（前面观）
Liver (anterior aspect)

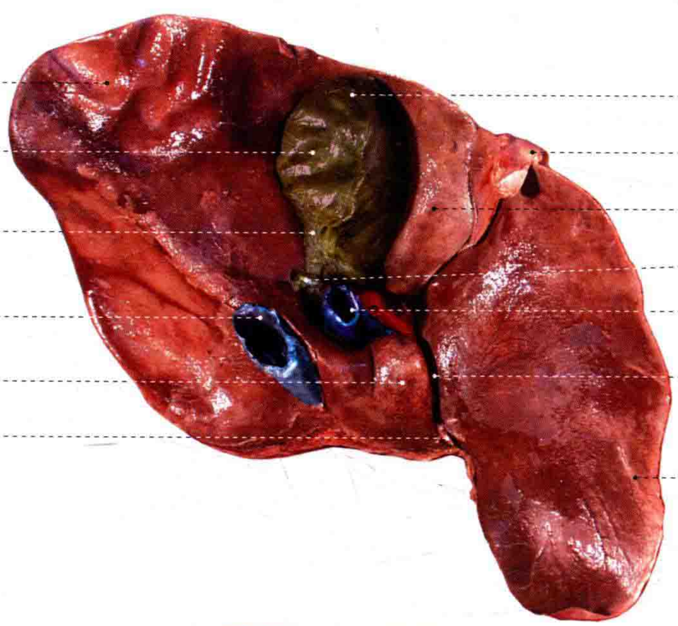


图 283　肝（下面观）
Liver (inferior aspect)

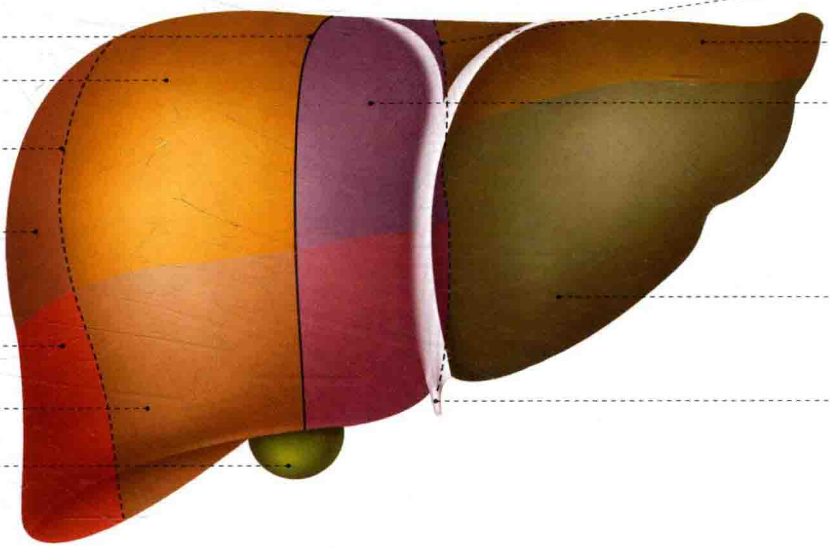


图 284　肝段及肝叶（前面观）
Hepatic segments and lobes (anterior aspect)

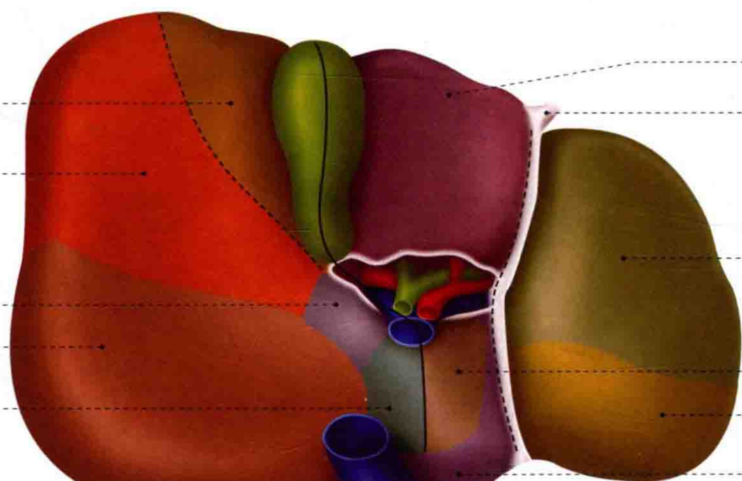


图 285　肝段及肝叶（下面观）
Hepatic segments and lobes (posterior aspect)

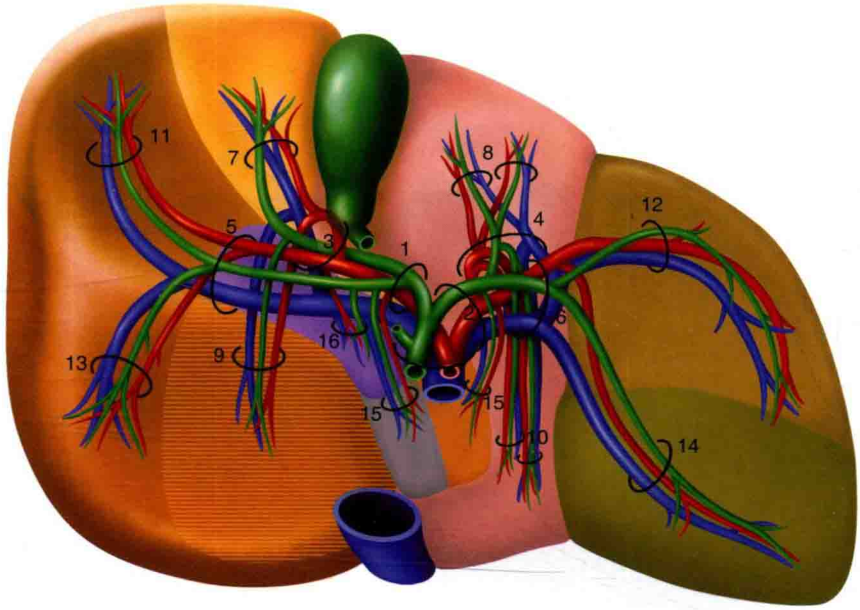


图 286 血管和肝管的分布

Distribution of the blood vessels and the hepatic ducts

1. 右支；2. 左支；3. 前段；4. 内侧段；5. 后段；6. 外侧段；7. 前上区；8. 内侧下区；9. 前上区；10. 内侧上区；11. 后下区；12. 下外侧区；13. 后上区；14. 外侧区；15. 尾叶；16. 尾状突

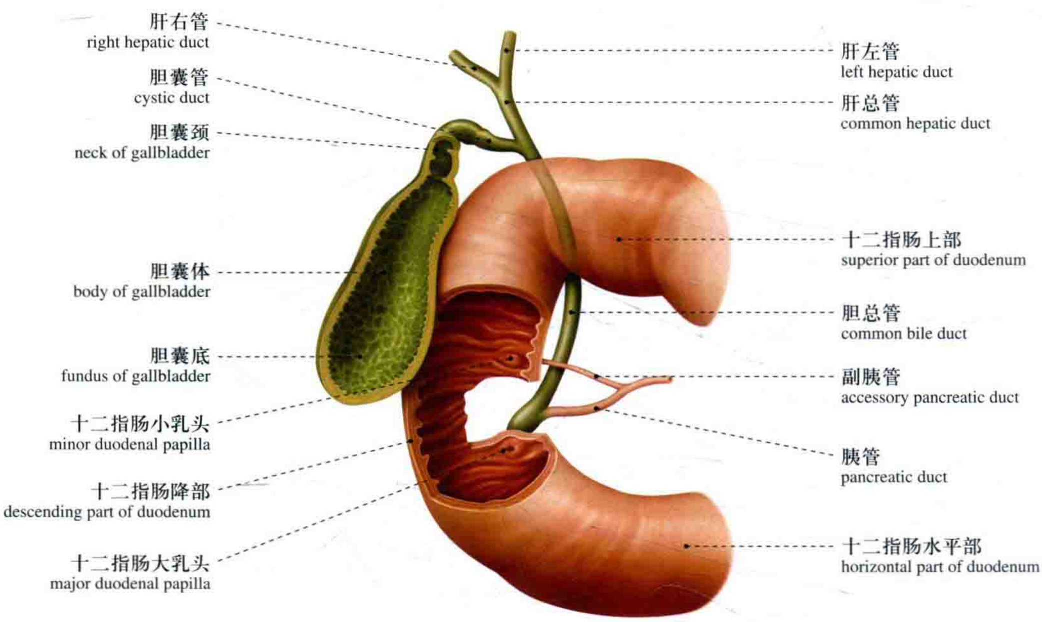


图 287 肝外胆管

Extrahepatic bile ducts

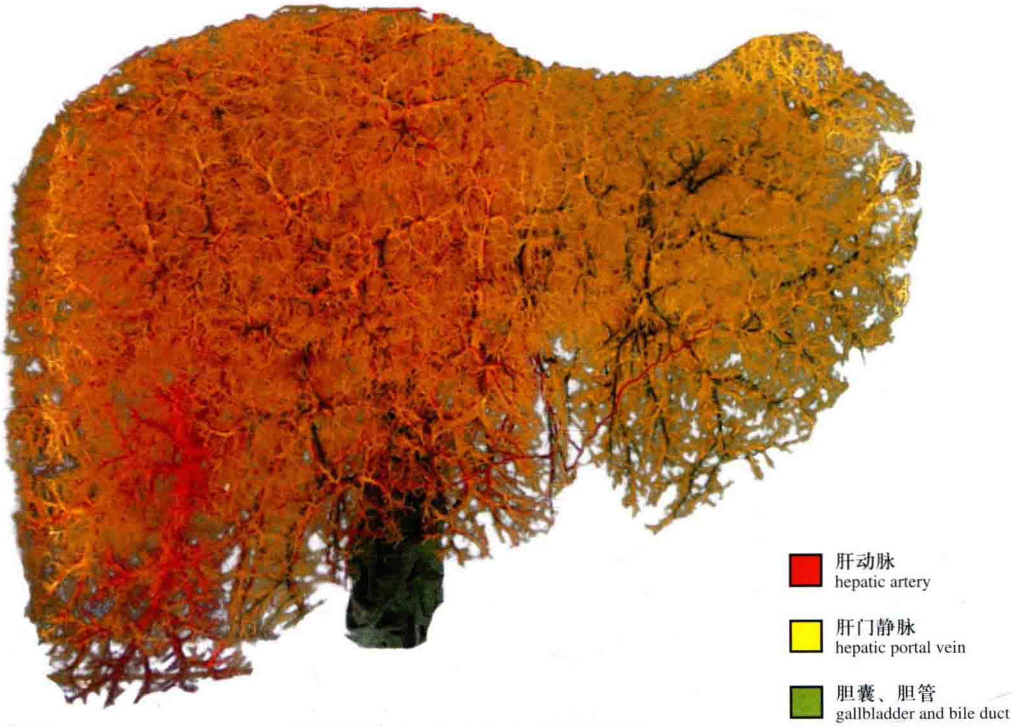


图 288　**肝脏管道铸型（膈面）**

Cast of the hepatic duct (diaphragmatic aspect)



图 289　**肝脏管道铸型（脏面）**

Cast of the hepatic duct (visceral aspect)

第九节

胰

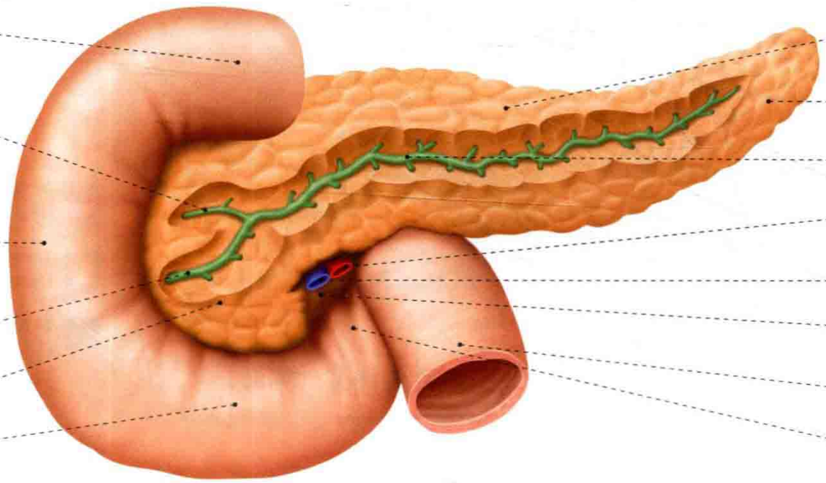


图 290　胰的构造

Structure of the pancreas

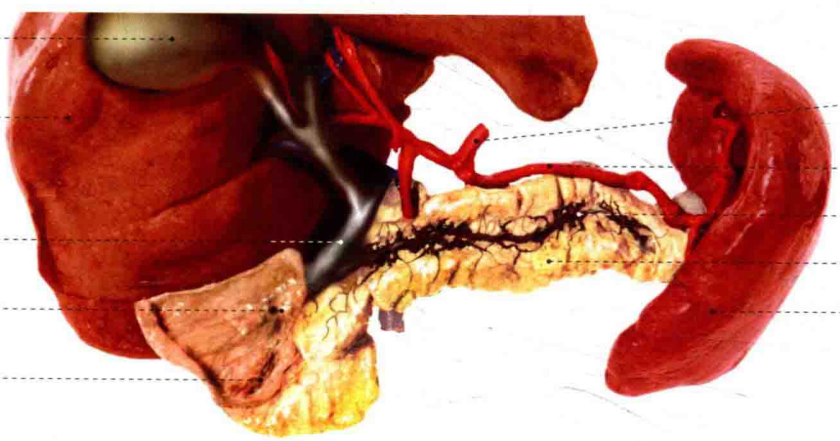


图 291　胰管

Pancreatic duct

第一节

呼吸系统模式图

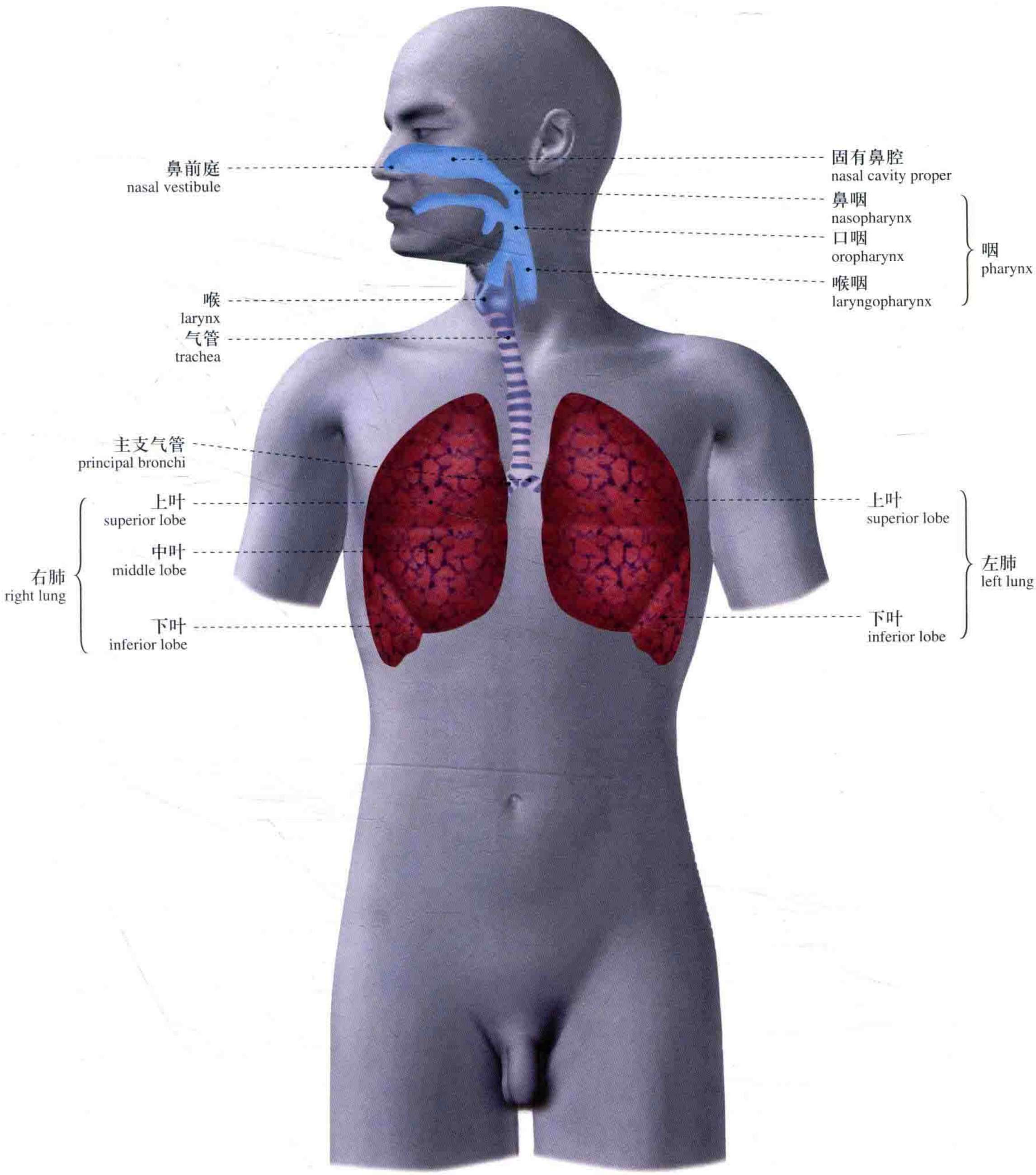


图 292 呼吸系统（模式图）
Respiratory system (diagram)

第二节

鼻

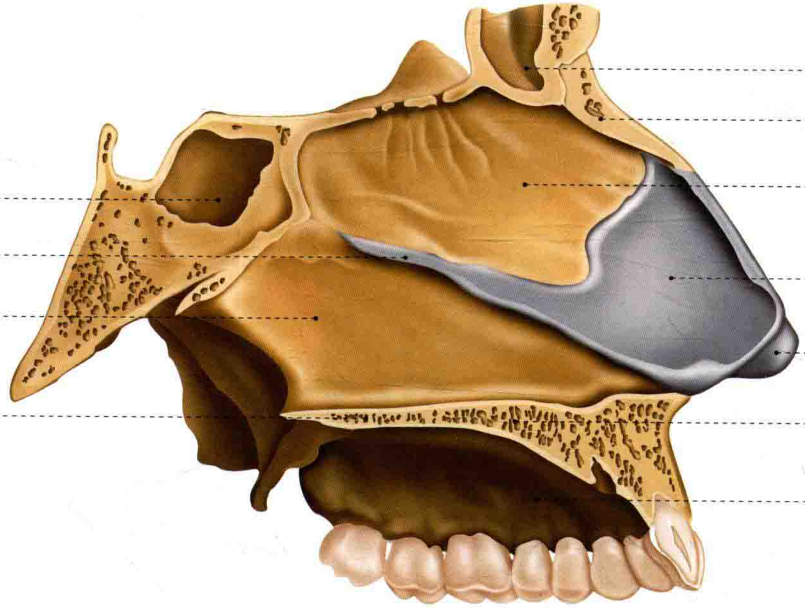


图 293 鼻中隔（右侧面观）
Nasal septum (right lateral aspect)

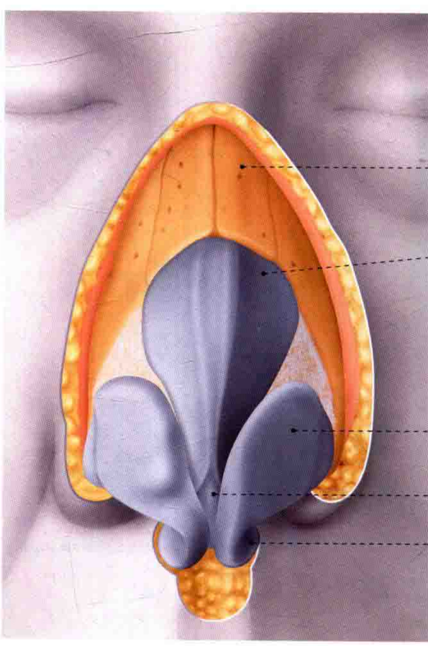


图 294 鼻的骨骼（前面观）
Nose bones (anterior aspect)

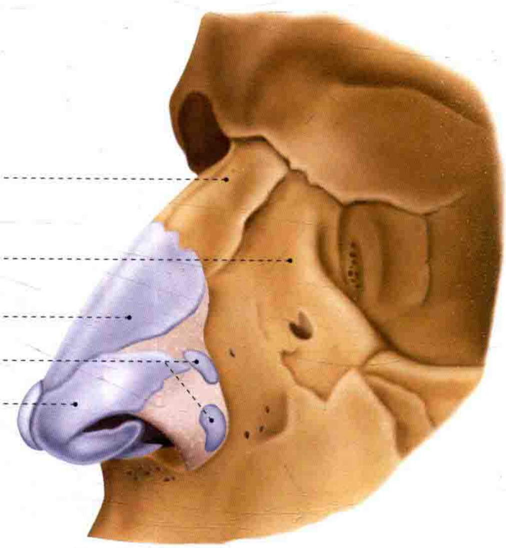


图 295 鼻的骨骼（左外侧面观）
Nasal bones (left lateral aspect)

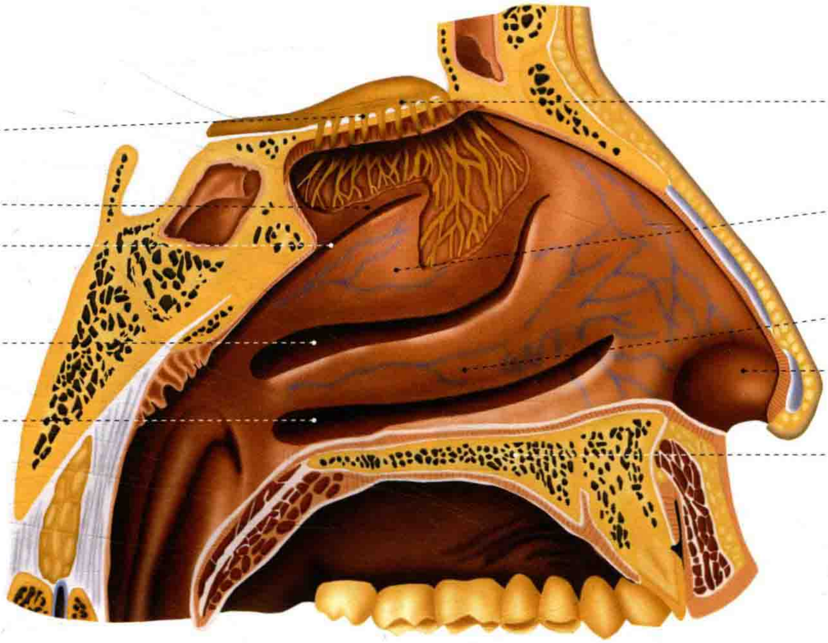


图 296　鼻腔外侧壁（内侧面观 1）

Lateral wall of the nasal cavity (medial aspect 1)

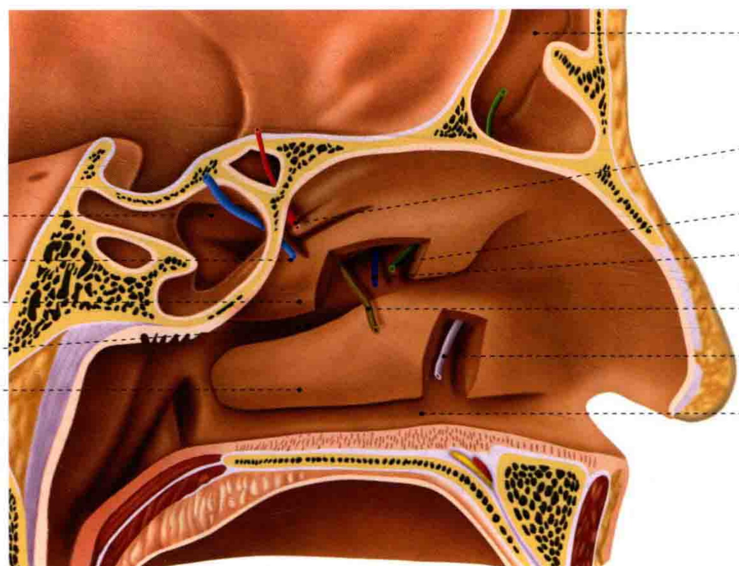


图 297　鼻腔外侧壁（内侧面观 2）

Lateral wall of the nasal cavity (medial aspect 2)

第三节

喉

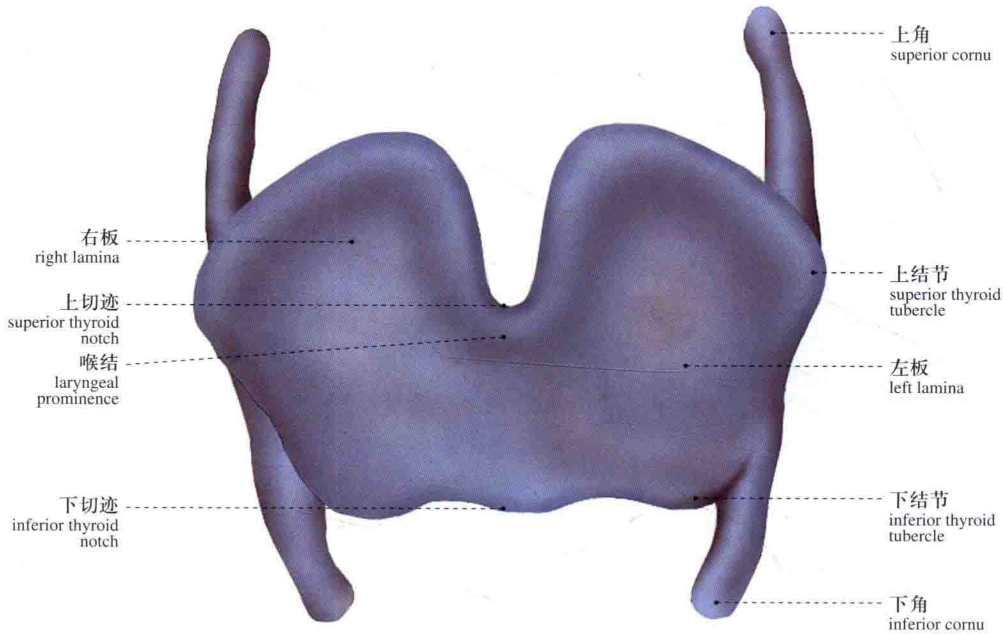


图 298　甲状软骨（前面观）

Thyroid cartilage (anterior aspect)

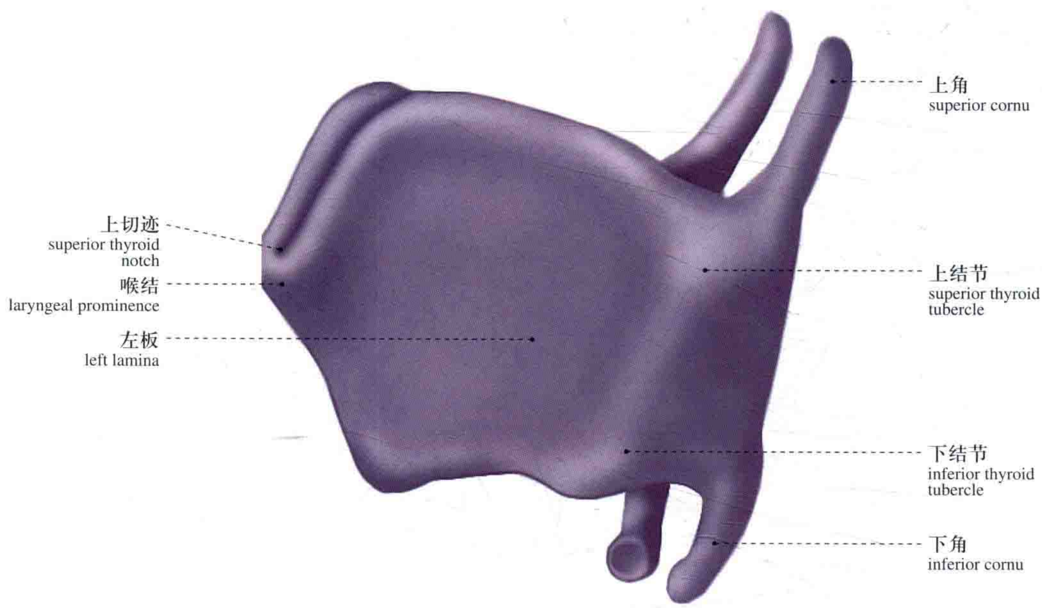


图 299　甲状软骨（外侧面观）

Thyroid cartilage (lateral aspect)



图 300　**环状软骨（后面观）**

Cricoid cartilage (posterior aspect)

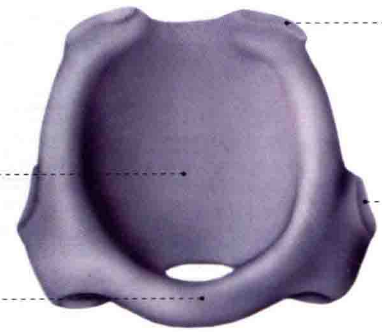


图 301　**环状软骨（前上面观）**

Cricoid cartilage (anterior superior aspect)



图 302　**环状软骨（外侧面观）**

Cricoid cartilage (lateral aspect)

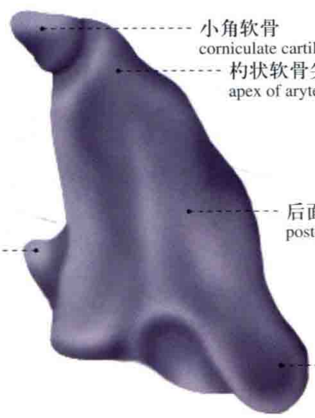


图 303　**杓状软骨（后面观）**

Arytenoid cartilage (posterior aspect)

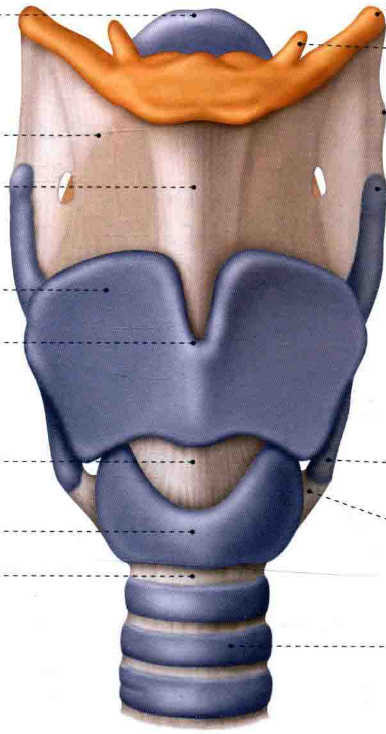


图 304　喉的软骨及韧带（前面观）

Cartilages and ligaments of larynx (anterior aspect)

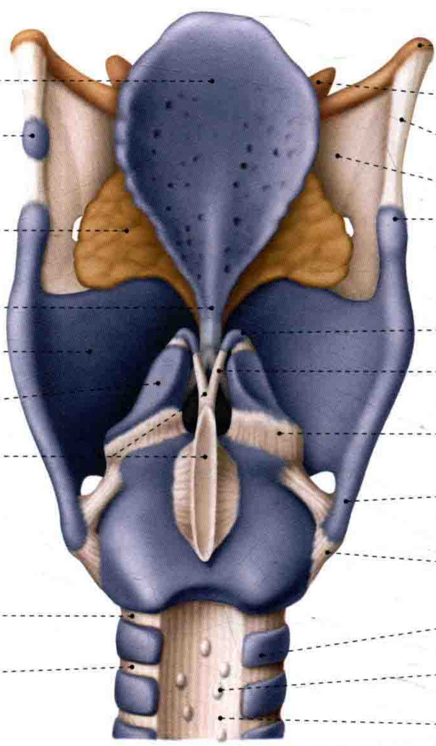


图 305　喉的软骨及韧带（后面观）

Cartilages and ligaments of larynx (posterior aspect)

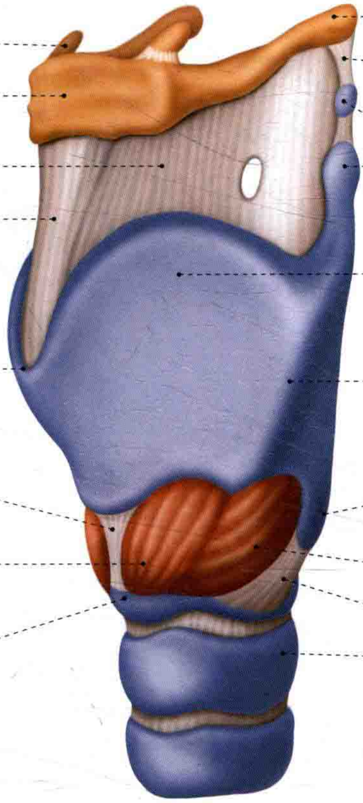


图 306 **喉肌（前外侧面观）**

Laryngeal muscles (anterolateral aspect)

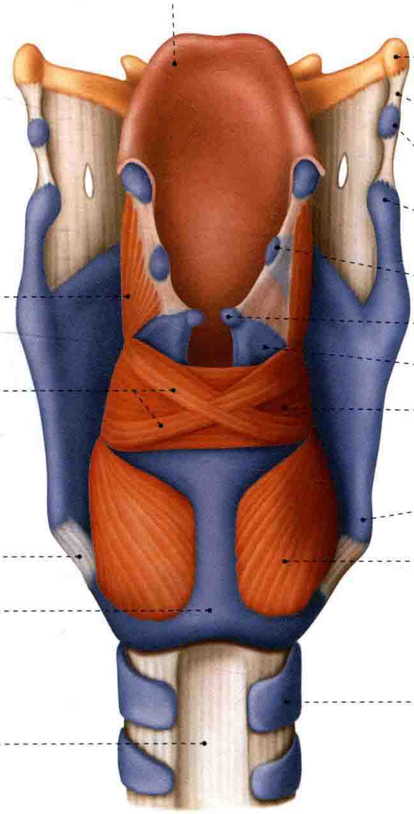


图 307 **喉肌（后面观）**

Laryngeal muscles (posterior aspect)

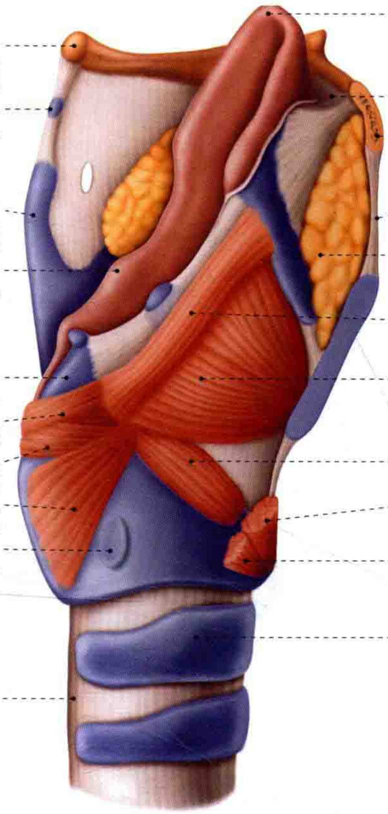


图 308　喉肌（后斜面观）

Laryngeal muscles (after oblique aspect)

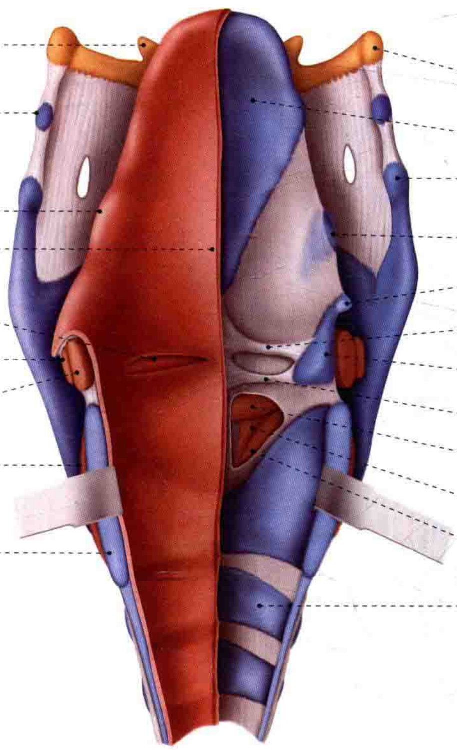


图 309　喉后正中切开（后面观）

Laryngeal posterior midline incision (posterior aspect)

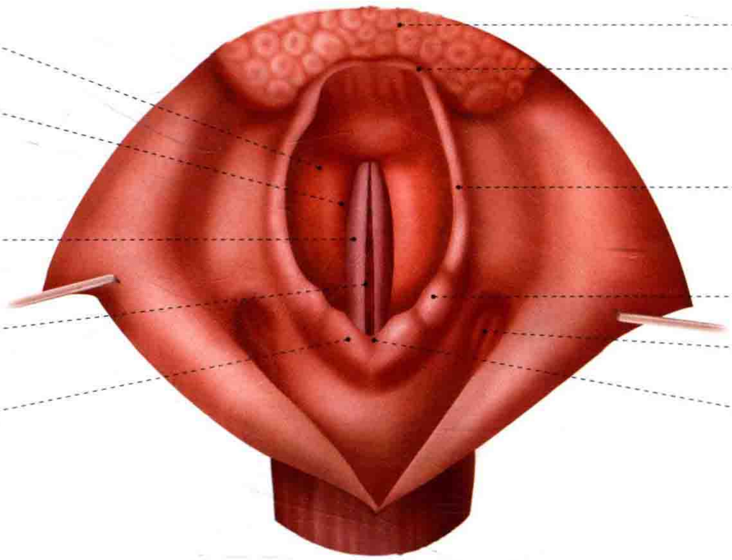


图 310　喉口（后面观）

Aperture of larynx (posterior aspect)

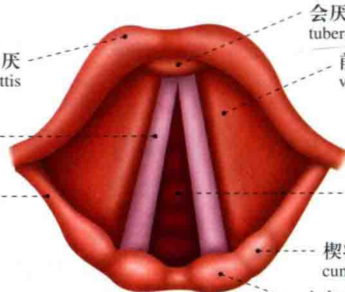


图 311　喉腔（上面观）

Laryngeal cavity (superior aspect)

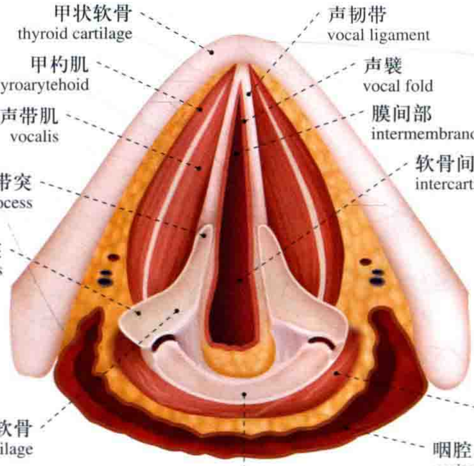


图 312　喉横切面（通过声带）

Transverse section of larynx (through the level of vocal folds)

第四节

气管与支气管

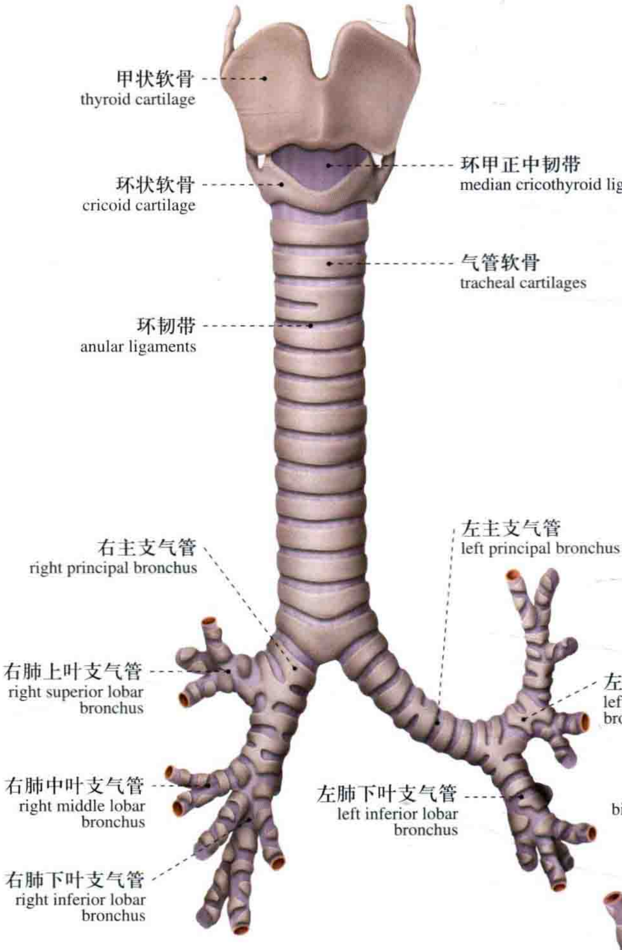


图 313 **气管与支气管（前面观）**

Trachea and bronchi (anterior aspect)

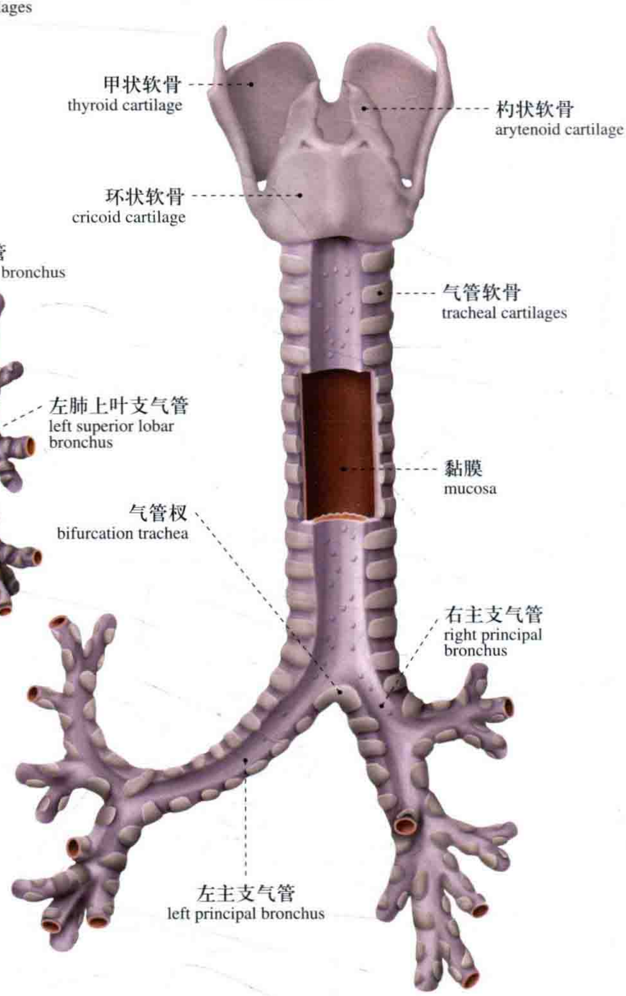


图 314 **气管与支气管（后面观）**

Trachea and bronchi (posterior aspect)

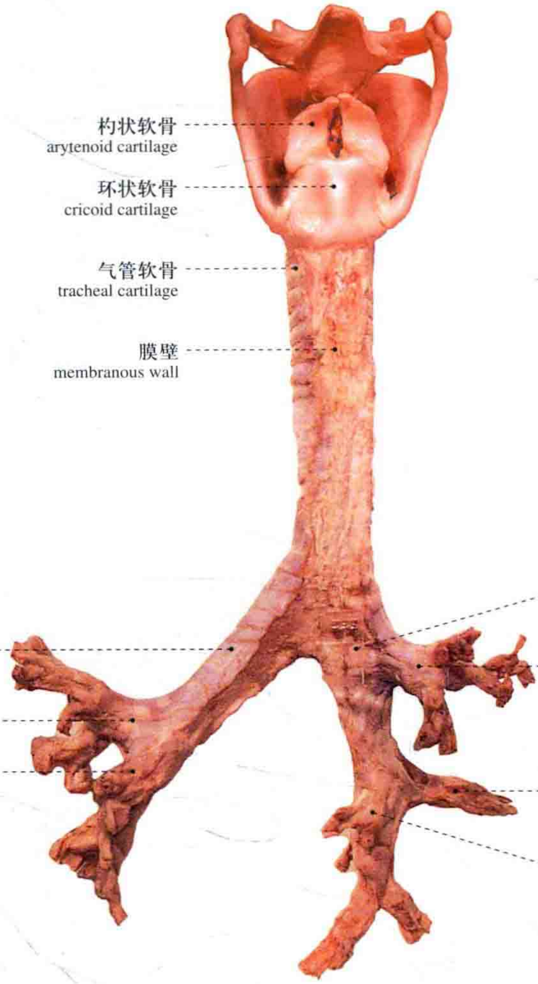


图 315　**气管和支气管局解（后面观）**

Topography of the trachea and the bronchi (posterior aspect)

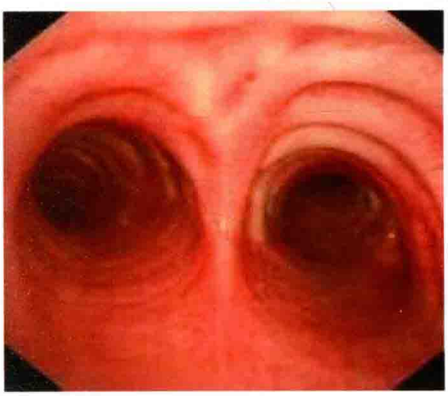


图 316　**气管镜像（隆嵴）**

Bronchoscope image (carina)

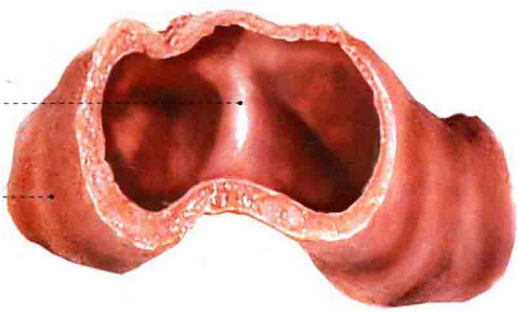


图 317　**气管隆嵴**

Carina of the trachea

第五节

肺

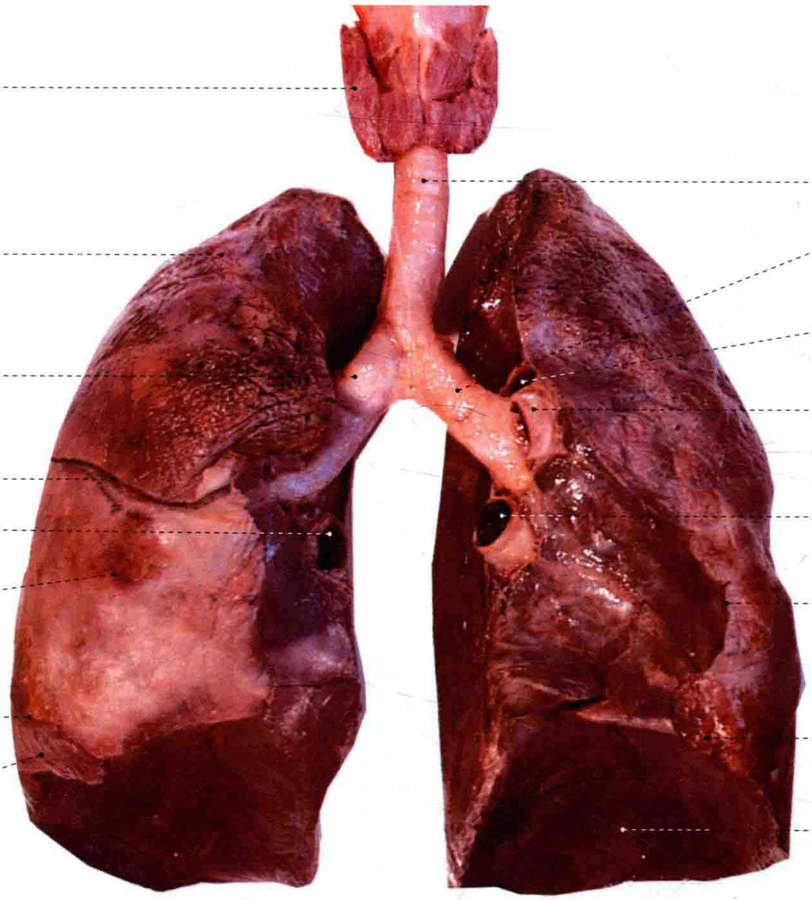


图 318　肺（前面观）

Lungs (anterior aspect)

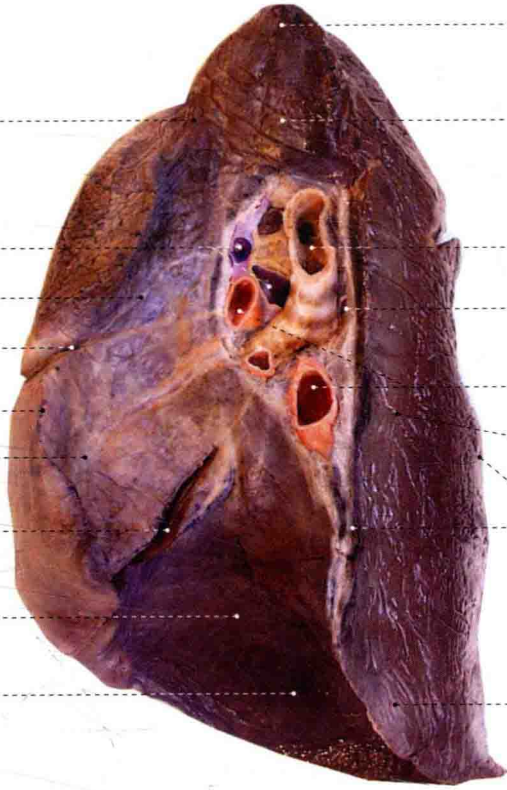


图 319　右肺（内侧面观）
Right lung (medial aspect)

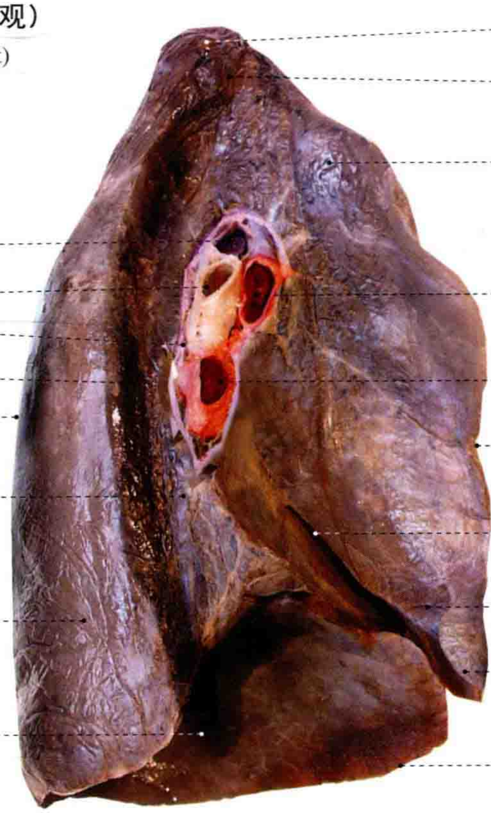


图 320　左肺（内侧面观）
Left lung (medial aspect)

左肺

上叶

Ⅰ＋Ⅱ：尖后段
Ⅲ：前段
Ⅳ：上舌段
Ⅴ：下舌段

下叶

Ⅵ：上段
Ⅷ：前底段
Ⅸ：外侧底段
Ⅹ：后底段

右肺

上叶

Ⅰ：尖段
Ⅱ：后段
Ⅲ：前段

中叶

Ⅳ：外侧段
Ⅴ：内侧段

下叶

Ⅵ：上段
Ⅶ：内侧底段
Ⅷ：前底段
Ⅸ：外侧底段
Ⅹ：后底段

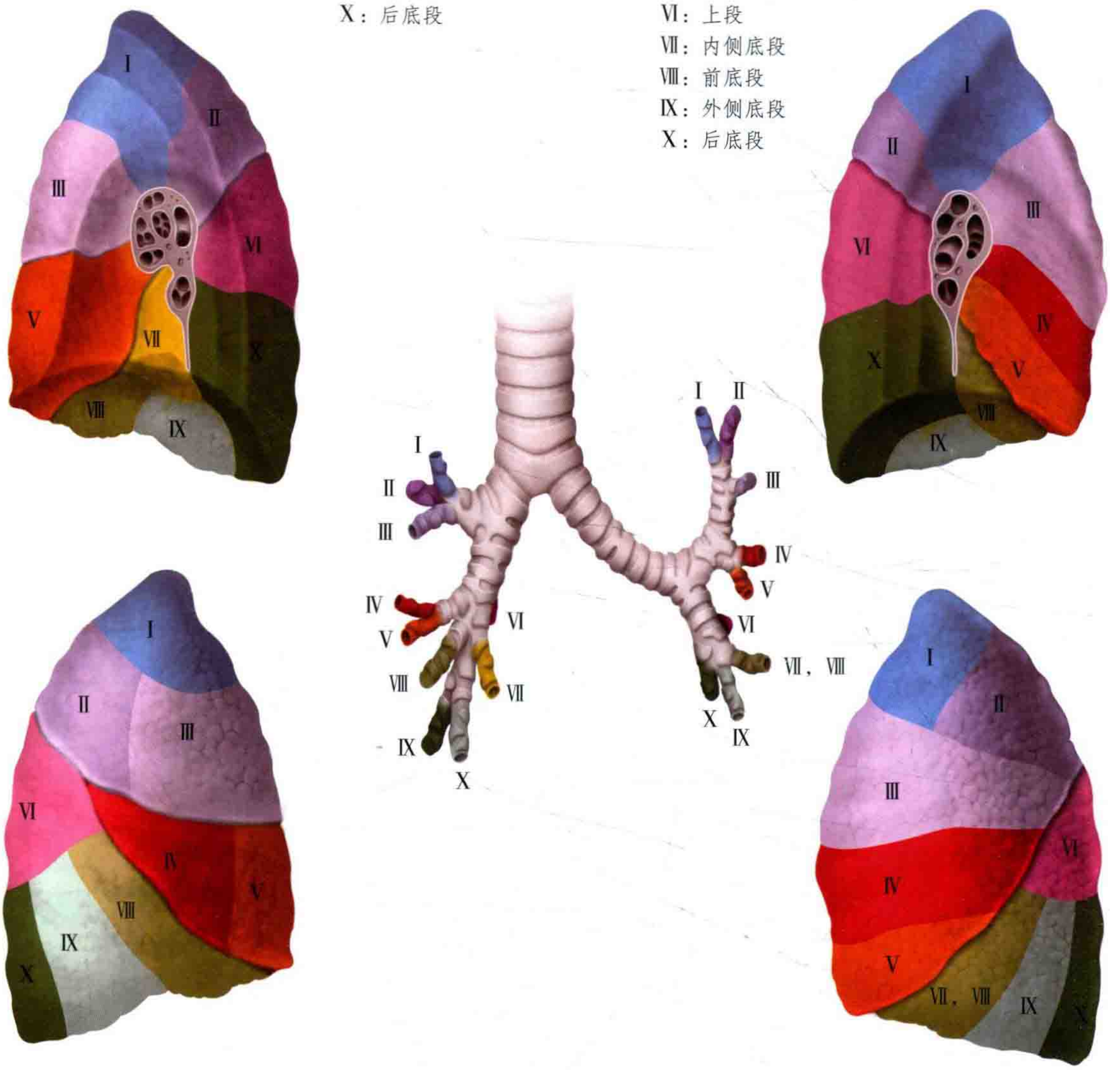


图 321 肺的节段性结构

Segmental architecture of the lungs



图 322　支气管肺段铸型（内侧面观）
Cast of the bronchopulmonary segments (medial aspect)



图 323　支气管肺段铸型（外侧面观）
Cast of the bronchopulmonary segments (lateral aspect)

第六节

胸　膜

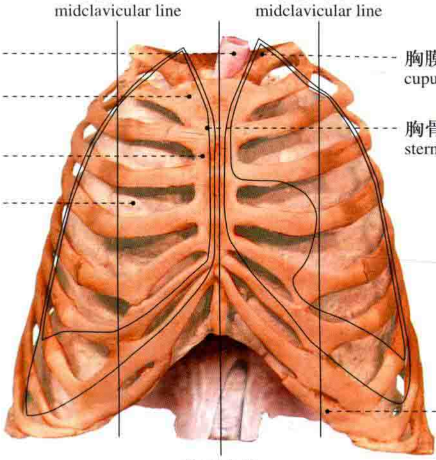


图 324　胸膜及肺体表投影（前面观）
Body surface projection of the pleura and the lung (anterior aspect)

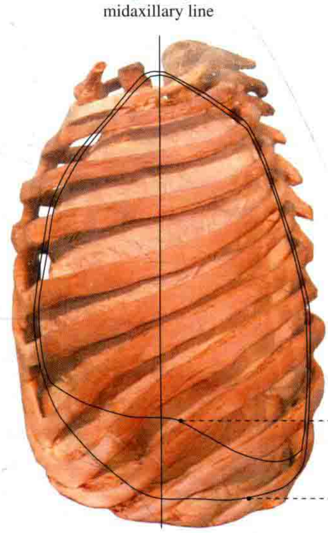


图 325　胸膜及肺体表投影（左侧面观）
Body surface projection of the pleura and the lung (left lateral aspect)

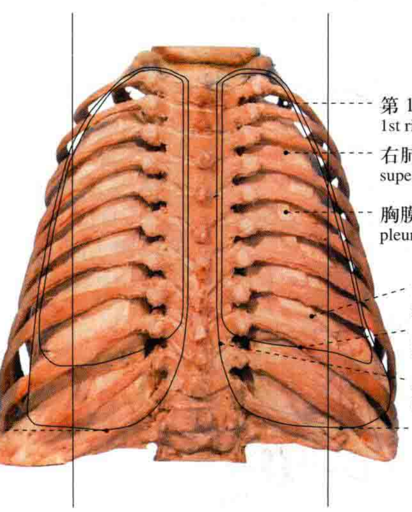


图 326　胸膜及肺体表投影（后面观）
Body surface projection of the pleura and the lung (posterior aspect)

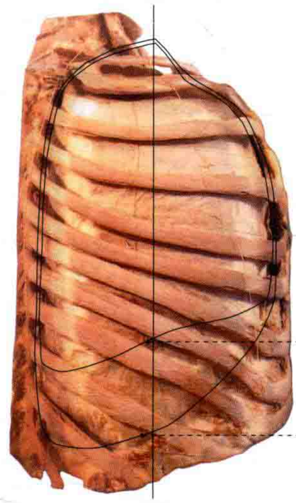


图 327　胸膜及肺体表投影（右侧面观）
Body surface projection of the pleura and the lung (right lateral aspect)

第七节

纵 隔

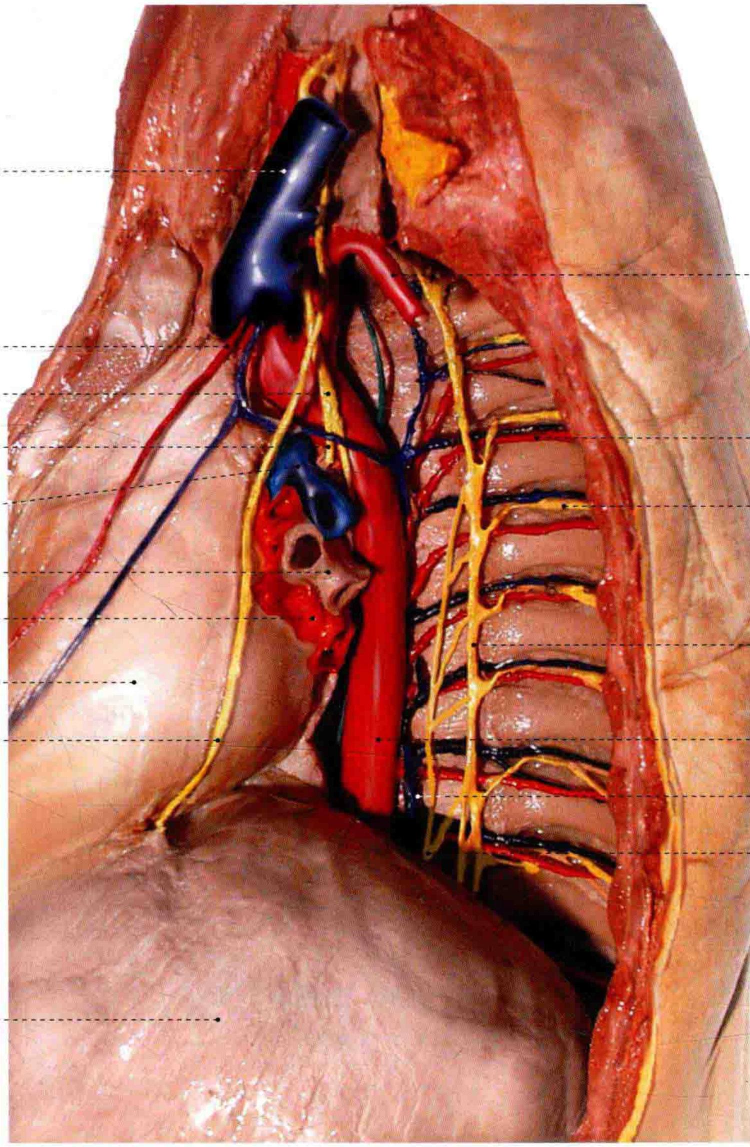


图 328 **纵隔（左侧面观）**

Mediastinum (left latera aspect)

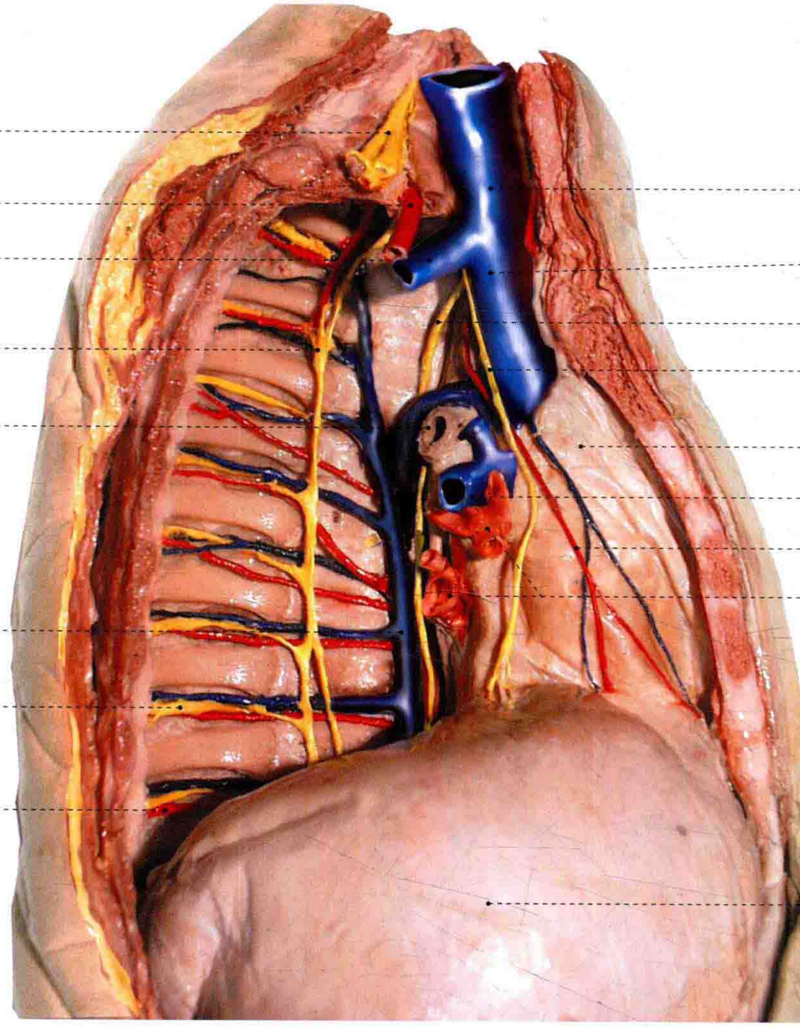


图 329 纵隔（右侧面观）

Mediastinum (right lateral aspect)

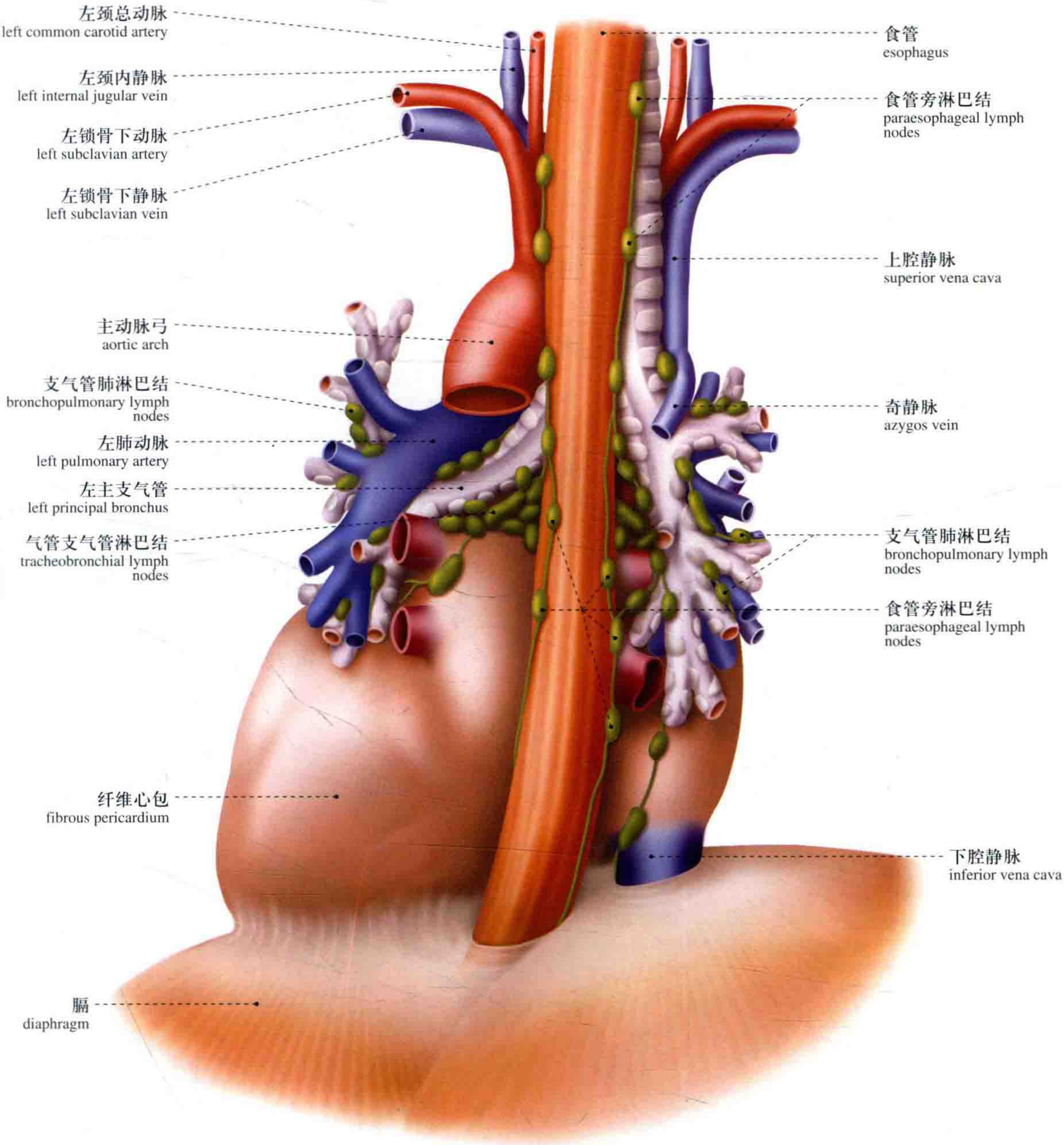


图 330 **胸部淋巴结（后面观）**

Thoracic lymph nodes (posterior aspect)

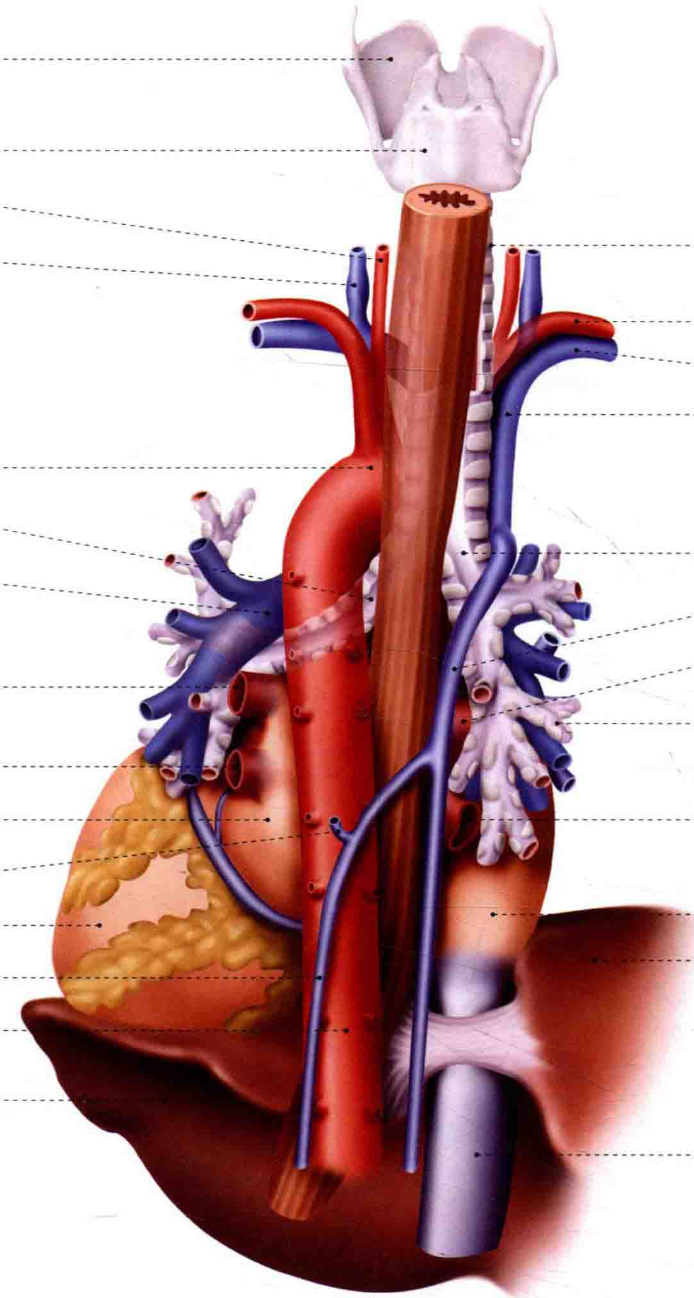


图 331 纵隔的内容（后面观）

Contents of the mediastinum (posterior aspect)

第一节

泌尿系统模式图

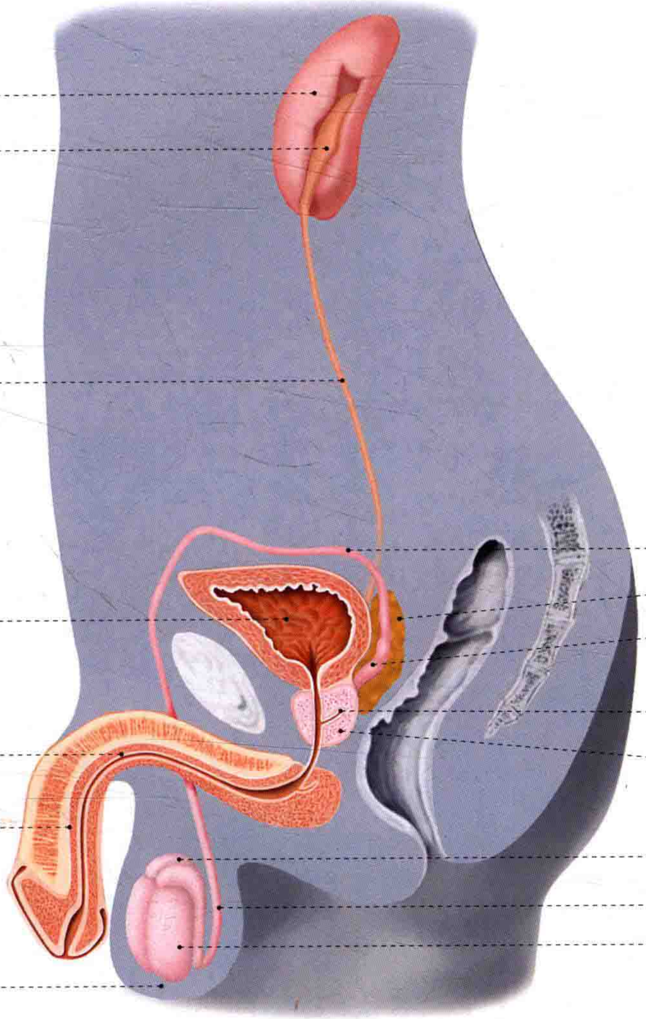


图 332 男性泌尿生殖系统（内侧面观）

Male urogenital system (medial aspect)

第二节

肾

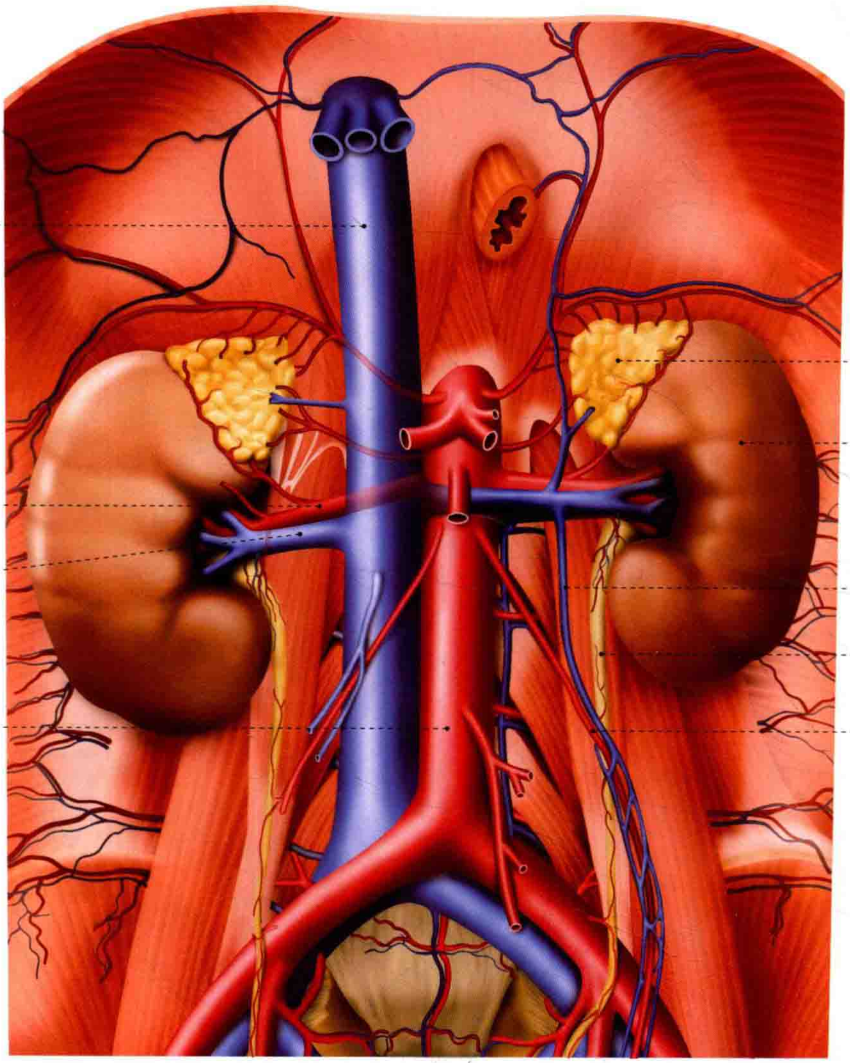


图 333 肾

Kidney

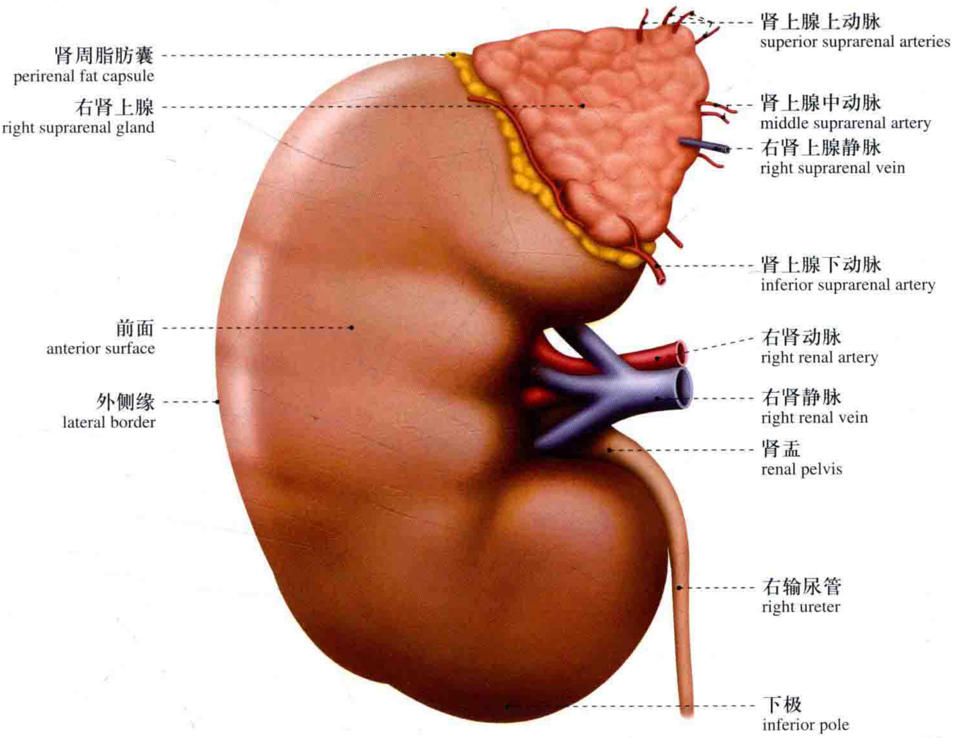


图 334 肾的形状（前面观）
Shape of the kidney (anterior aspect)

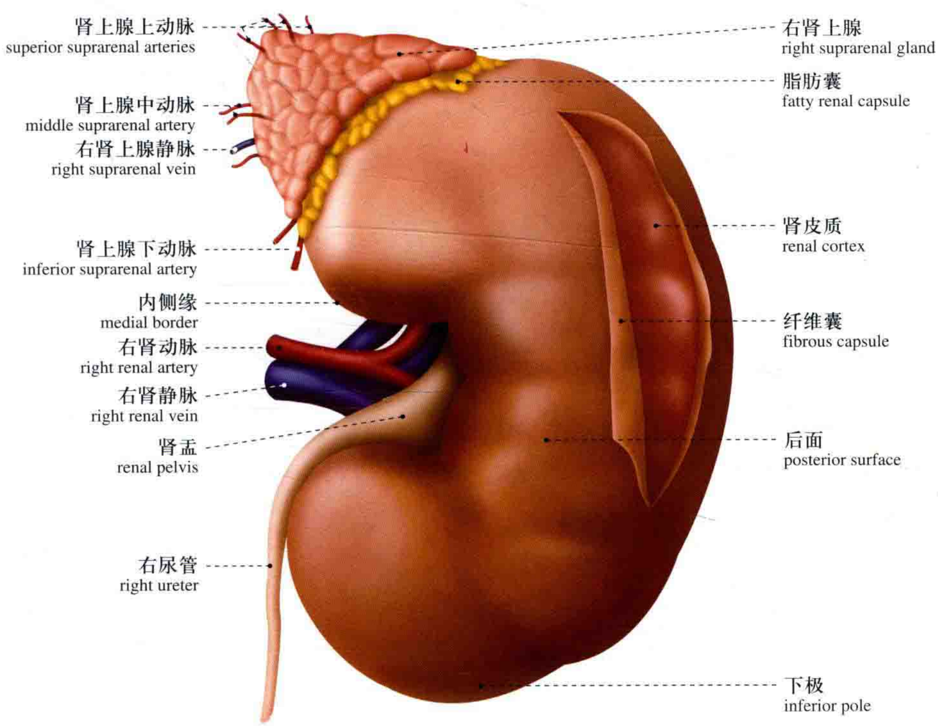


图 335 肾的形状（后面观）
Shape of the kidney (posterior aspect)

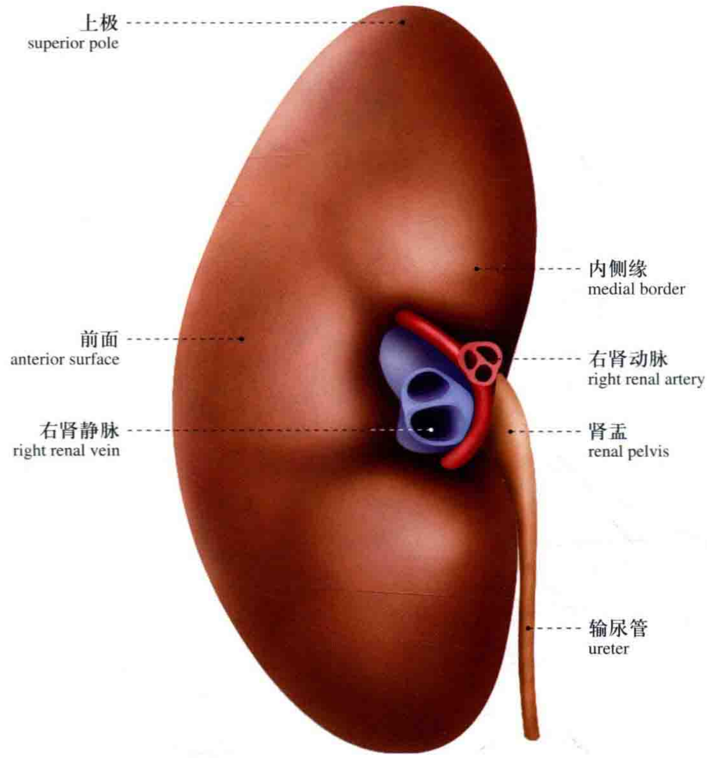


图 336 肾的形状（内侧面观）

Shape of the kidney (medial aspect)

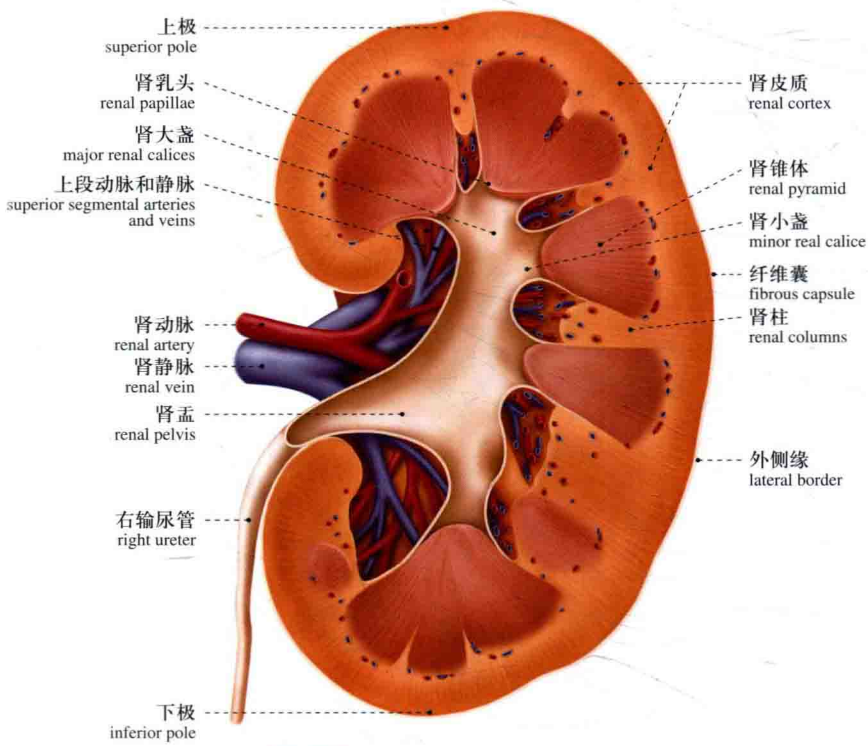


图 337 肾盂的构造和形状

Structure and shape of the renal pelvis

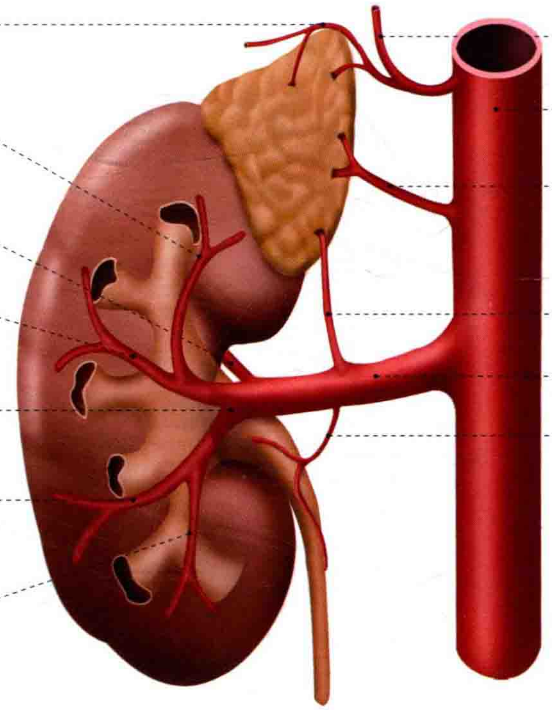


图 338 肾动脉分支到各肾段的关系

Relationship of the renal arterial branches to the renal segments

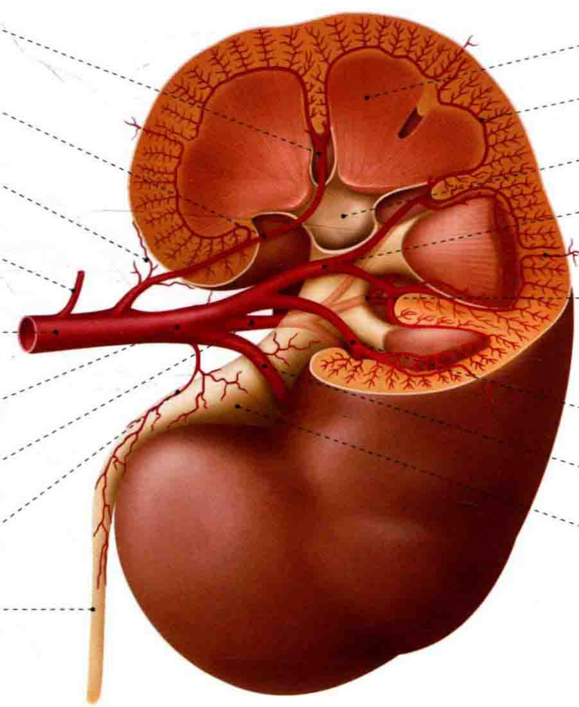


图 339 肾动脉的分支

Branches of renal artery

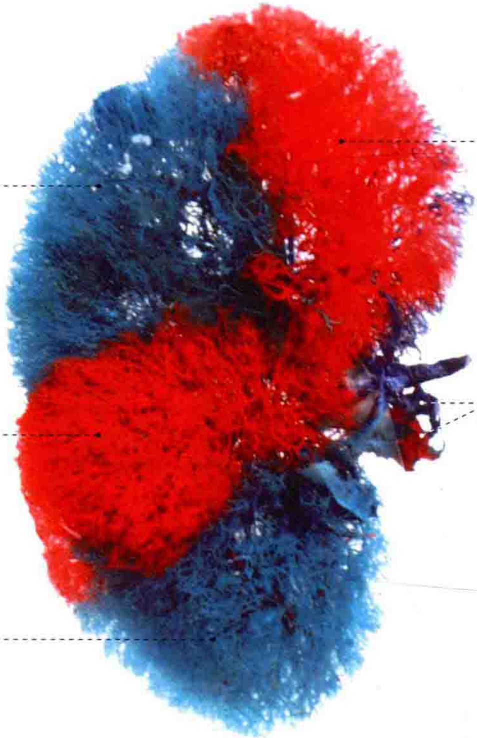


图 340 肾段铸型（前面观）
Cast of the renal segments (anterior aspect)

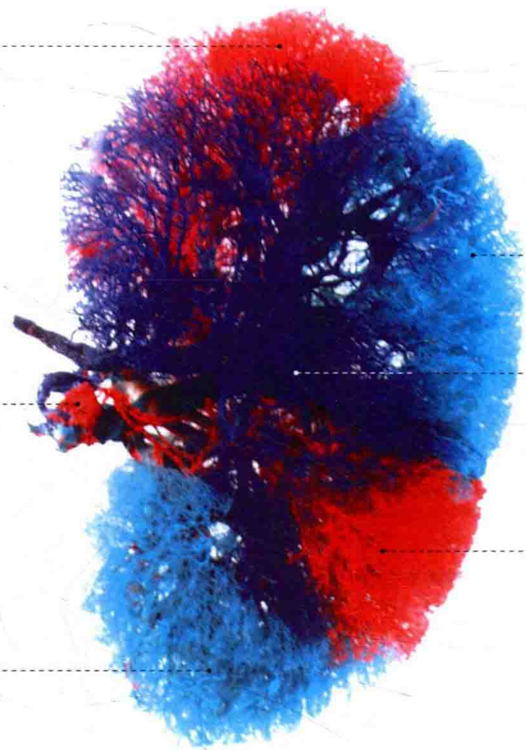


图 341 肾段铸型（后面观）
Cast of the renal segments (posterior aspect)

第三节

输尿管

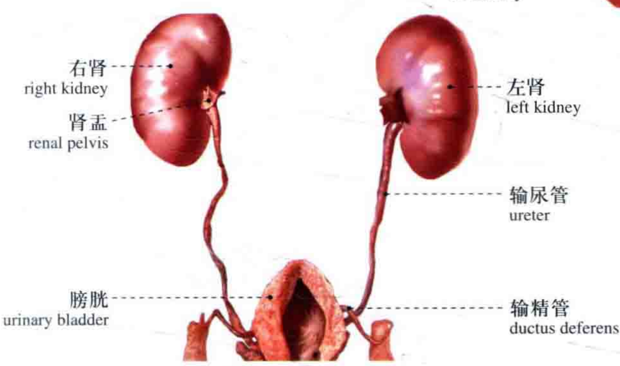


图 342 输尿管

Ureter

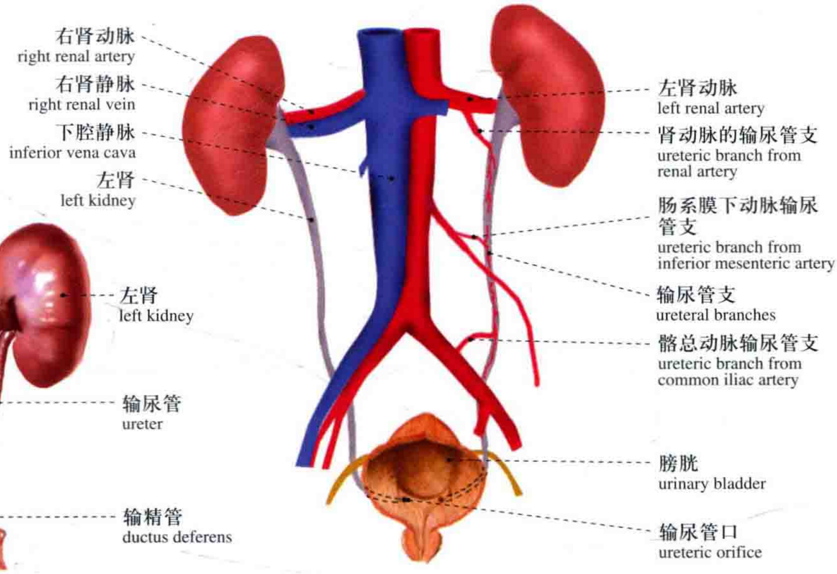


图 343 输尿管的动脉

Ureteral arteries

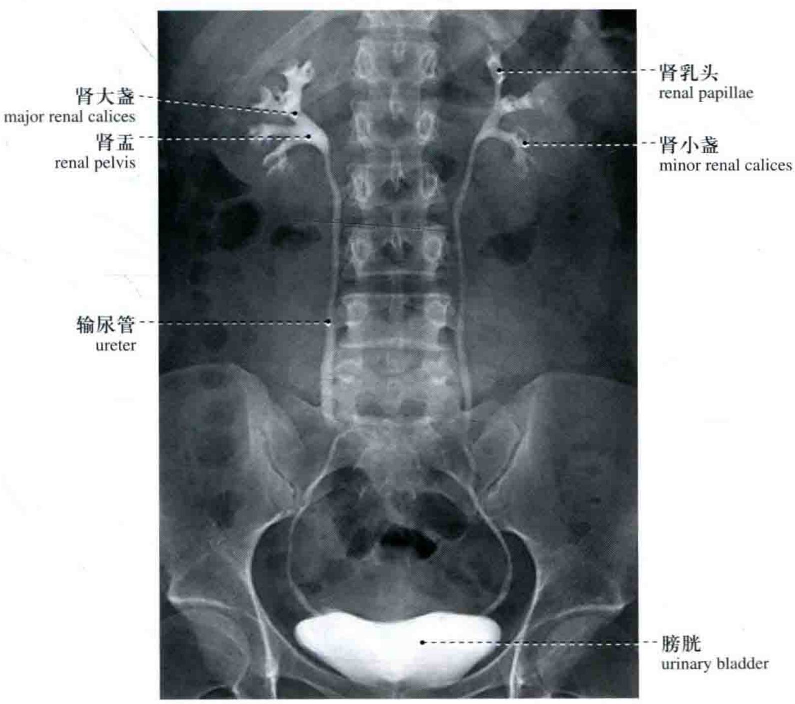


图 344 泌尿系造影

Ureteropyelography

第四节

膀胱

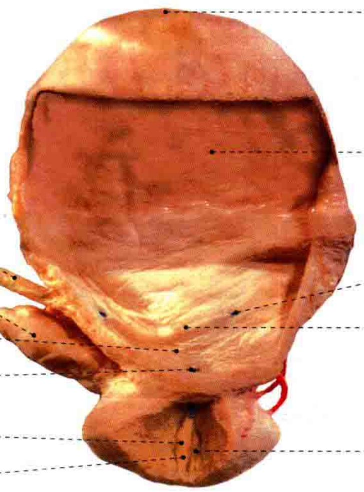


图 345 膀胱

Bladder

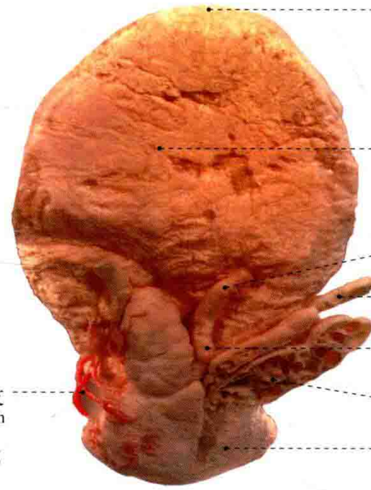


图 346 膀胱、输尿管、精囊和前列腺

Bladder, ureter, seminal vesicle and prostate

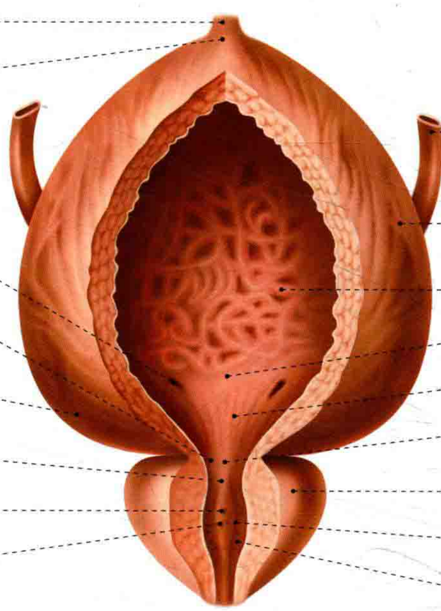


图 347 膀胱及男性尿道前列腺部（前面观）

Bladder and the prostatic part of the male urethra (anterior aspect)

第一节

男性生殖系统

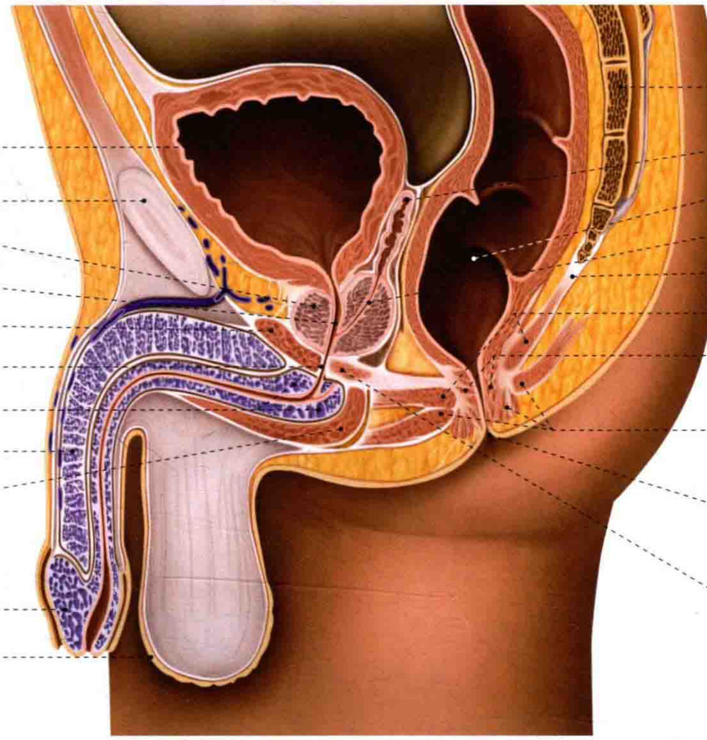


图 348　男性生殖器官（矢状断）

Male reproductive organs (sagittal aspect)

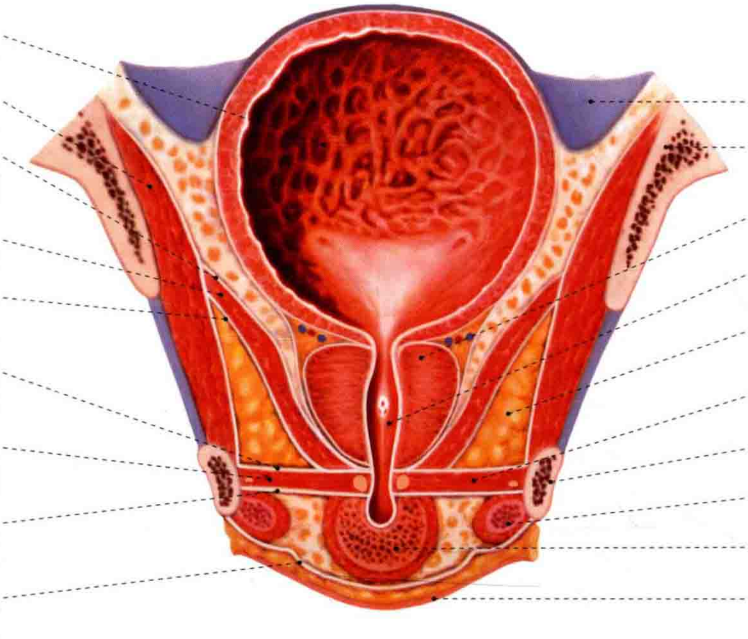


图 349　**男性骨盆冠状切面（尿生殖膈及盆膈）**

Coronal section of male pelvis (urogenital diaphragm and pelvic diaphragm)

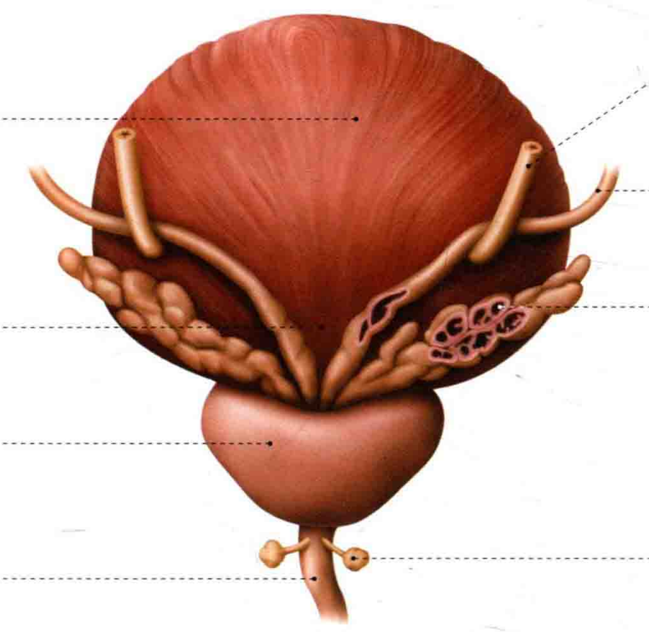


图 350　**性腺**

Sex glands

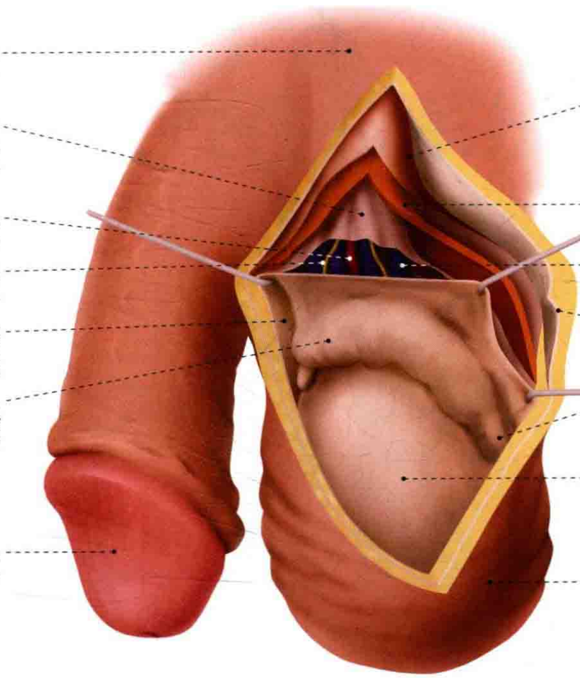


图 351　**阴囊结构**

Structure of the scrotum

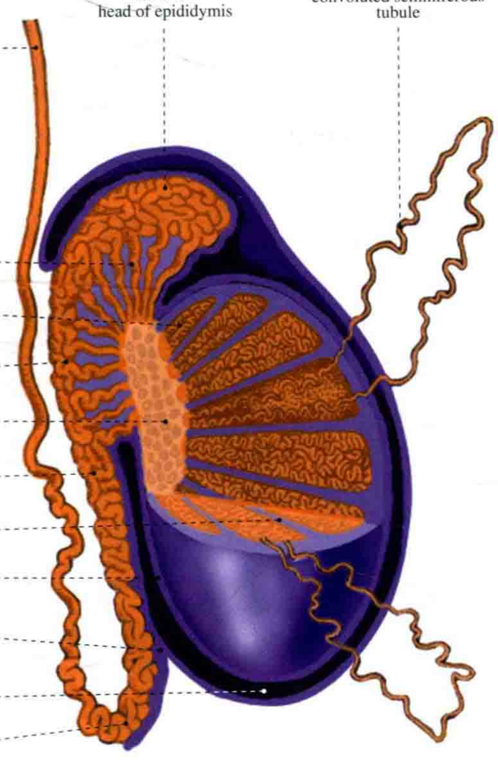


图 352　**睾丸及附睾的结构（模式图）**

Structure of the testis and the epididymis (diagram)

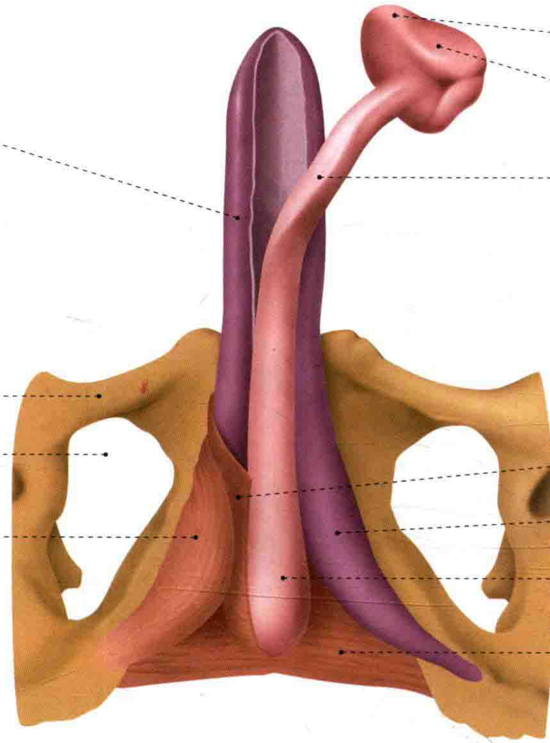


图 353 阴茎的勃起组织和勃起肌肉

Erectile tissues and erectile muscles of the penis

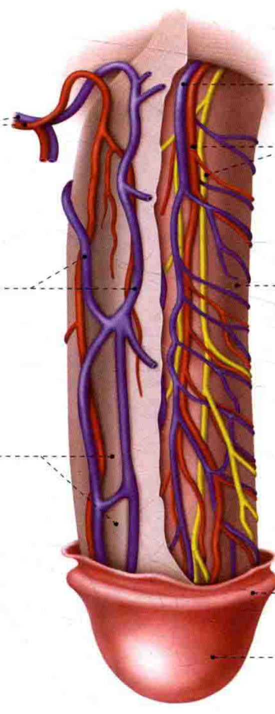


图 354 阴茎背部血管和神经

Dorsal blood vessels and nerves of the penis

第二节

女性生殖系统

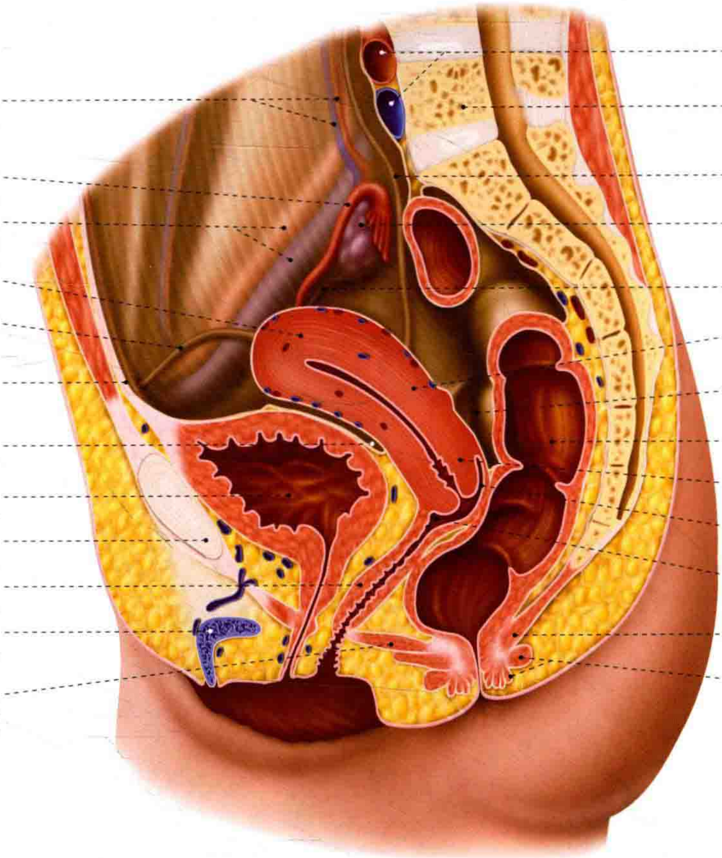


图355 女性生殖器官（矢状断）

Female reproductive organs (sagittal aspect)

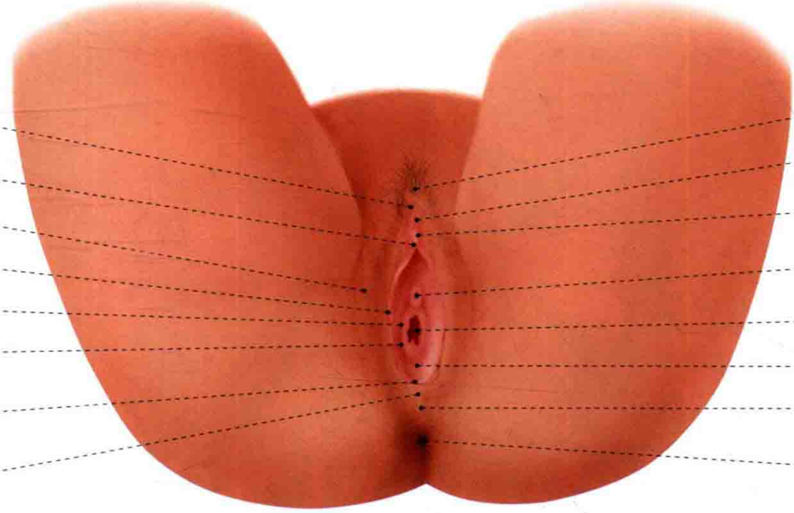


图 356　**女性外生殖器**

External genital organs of the female

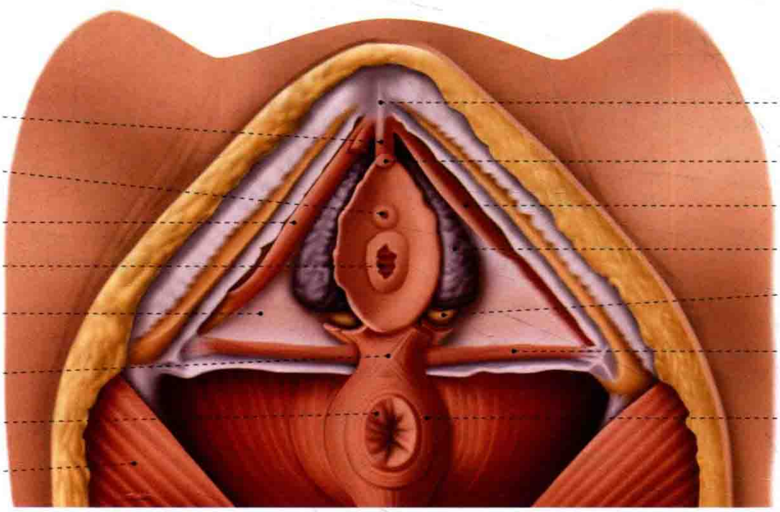


图 357　**阴蒂、前庭球及前庭大腺**

Clitoris, bulb of the vestibule and the greater vestibular glands

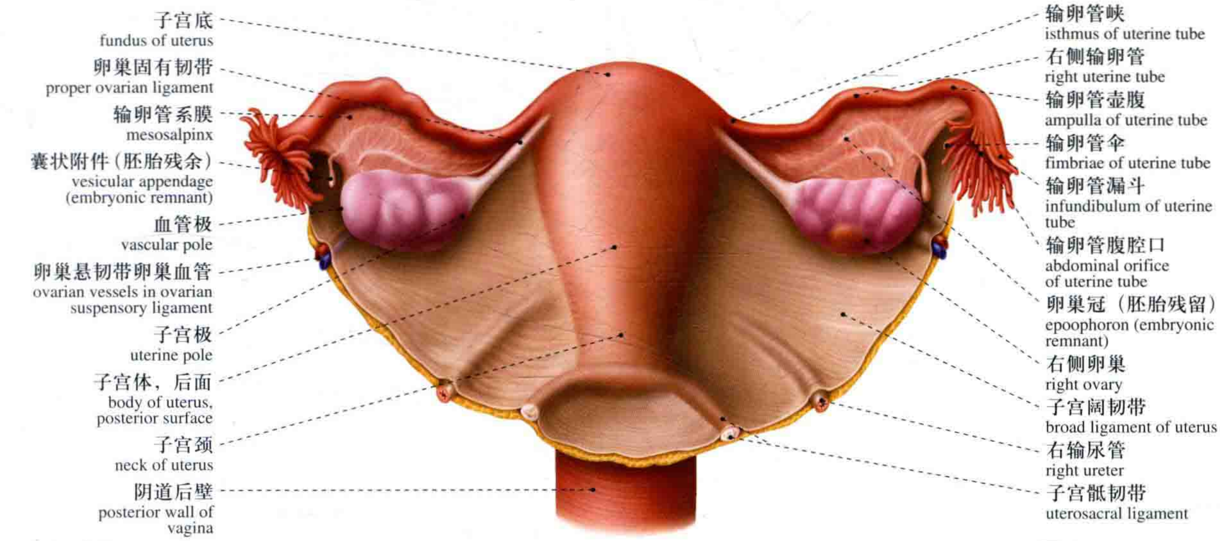


图 358 子宫及附件（后上面观）

Uterus and the adnexa (posterosuperior aspect)

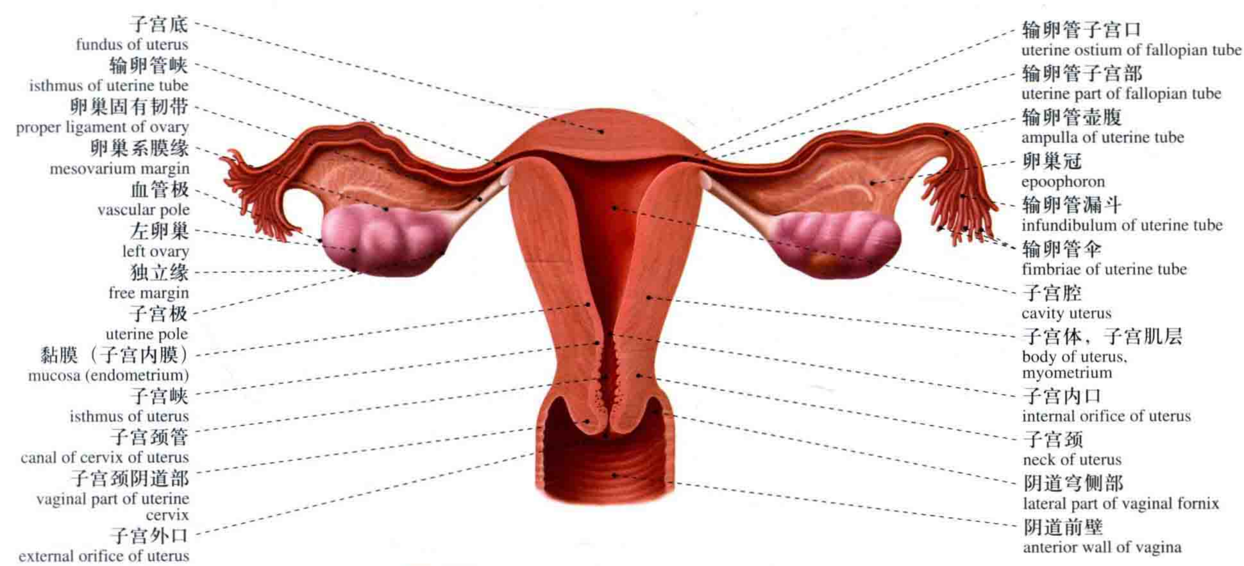


图 359 子宫和输卵管的形状与结构

Shape and structure of the uterus and the uterine tubes

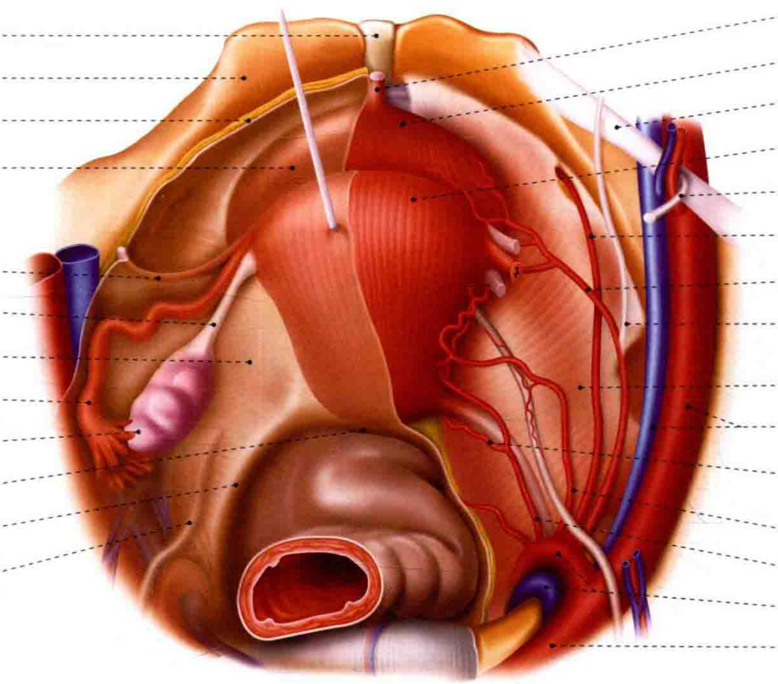


图 360　女性盆腔输尿管的进程

Course of the ureter in the female pelvis

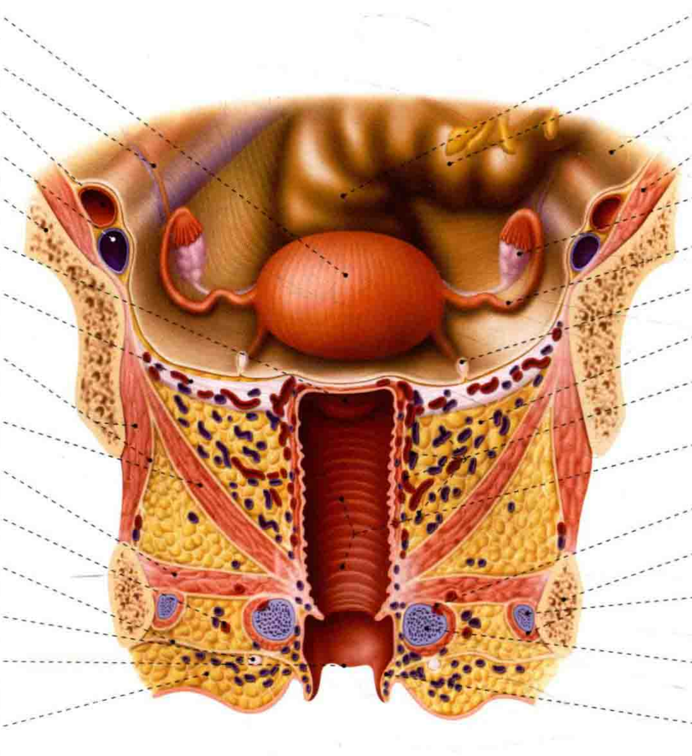


图 361　子宫和阴道周围腹膜、筋膜和结缔组织间隙（冠状断）

Peritoneum,fasciae, and connective-tissue spaces around the uterus and vagina (coronal aspect)

第三节

女性乳房

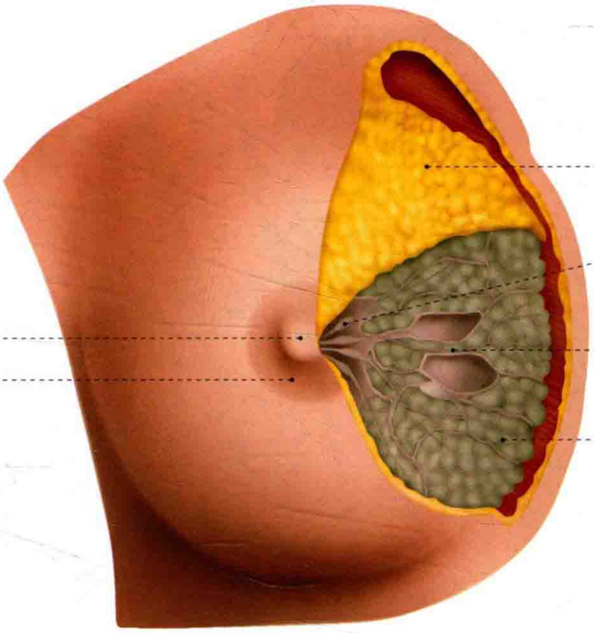


图 362 乳房结构

Mamma structure

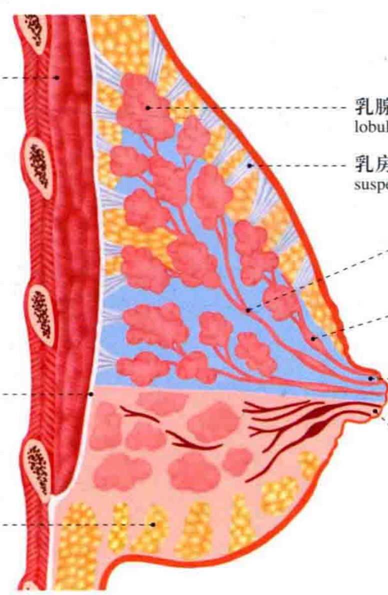


图 363 乳房矢状切面（模式图）

Sagittal section of the mamma (diagram)

第一节

概　述

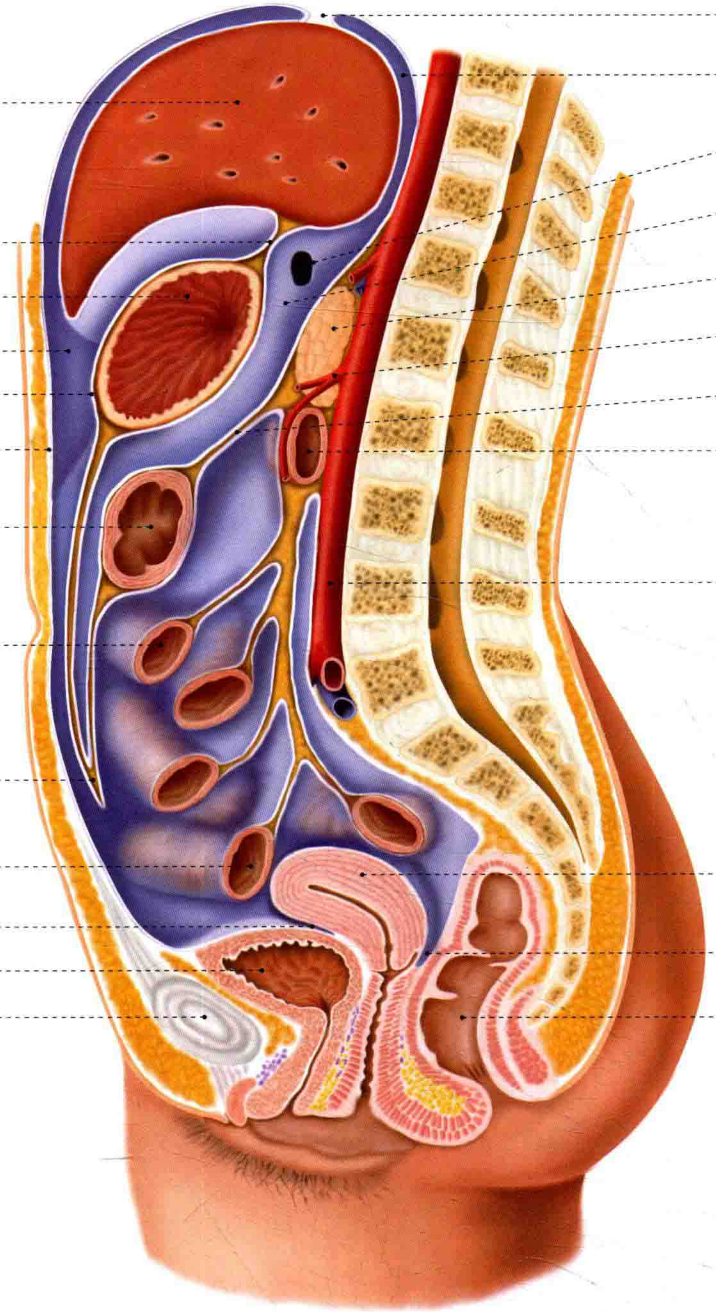


图 364　**女性腹腔正中矢状断（示腹膜垂直配布）**

Median sagittal section of female abdominal cavity (show vertical arrangement of peritoneum)

第二节

腹膜与腹盆腔脏器的关系

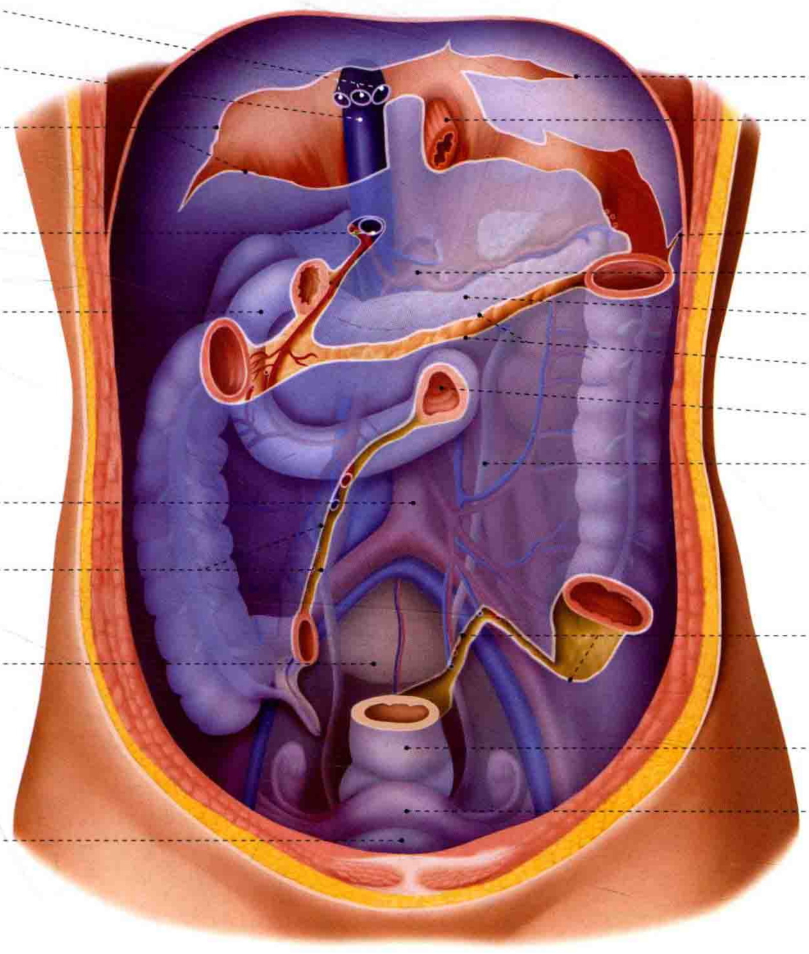


图 365　腹后壁腹膜的配布
Arrangement of the peritoneum on the posterior abdominal wall

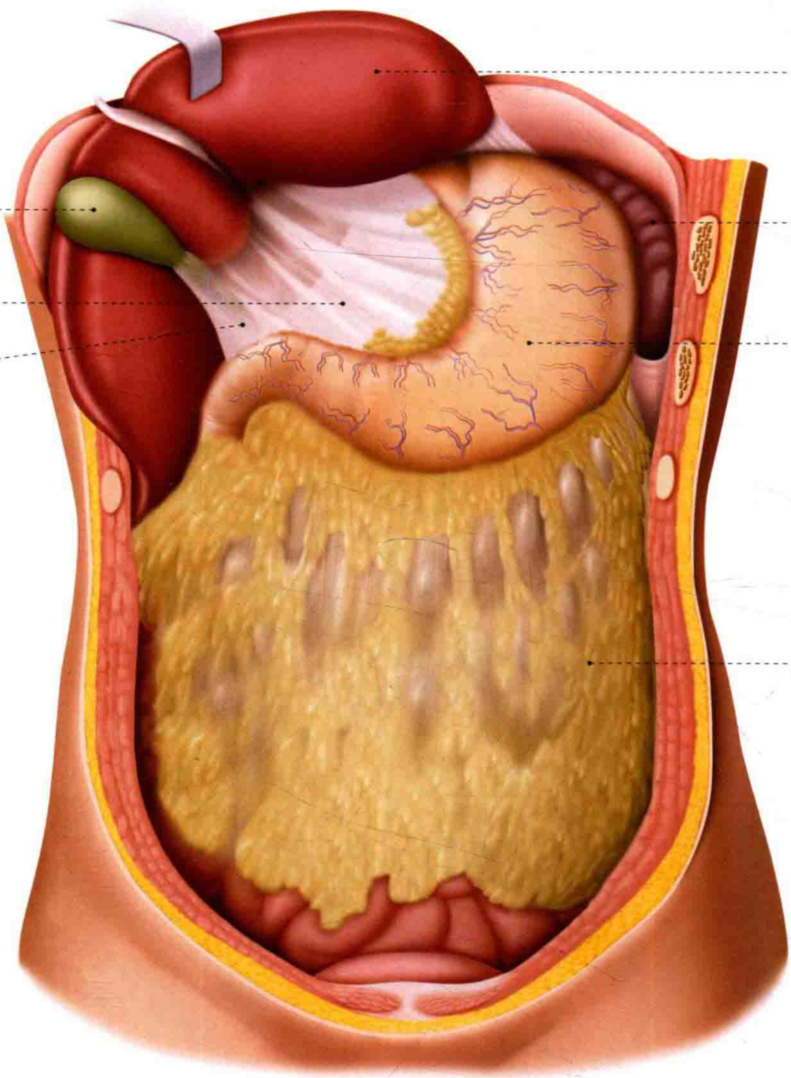


图 366 网膜

Omentum

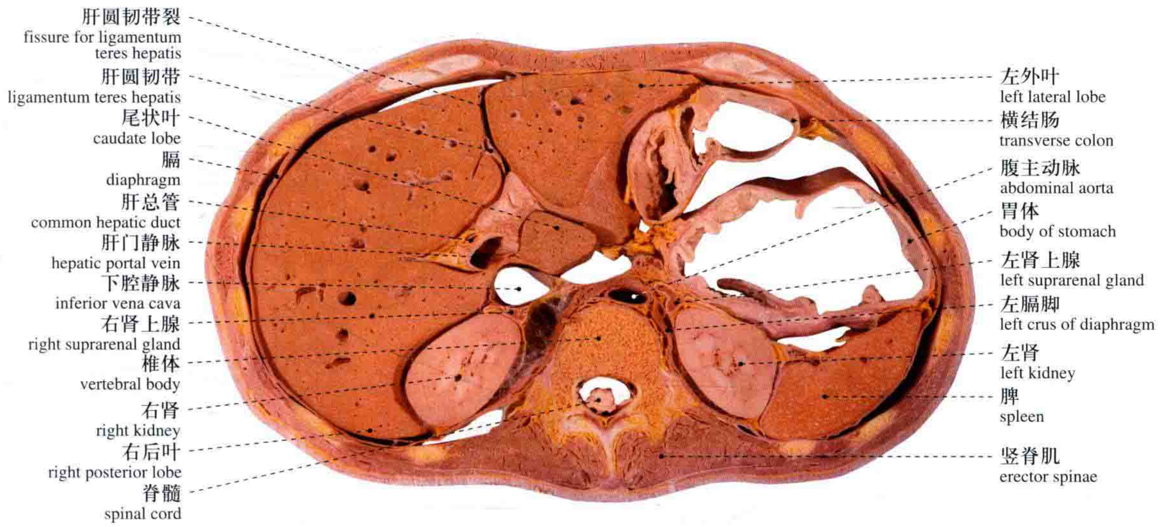


图 367 **腹部水平断面**

Horizontal section of the abdomen

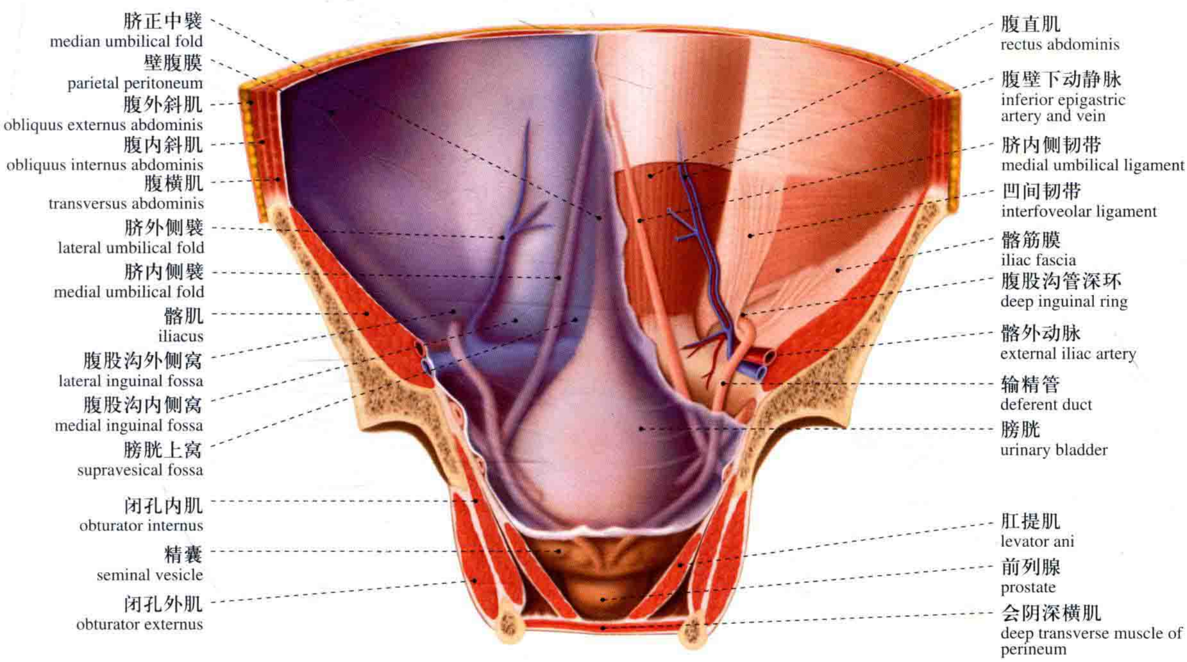


图 368 **腹前壁（内面观）**

Anterior abdominal wall (interior aspect)

第一节

全身血管

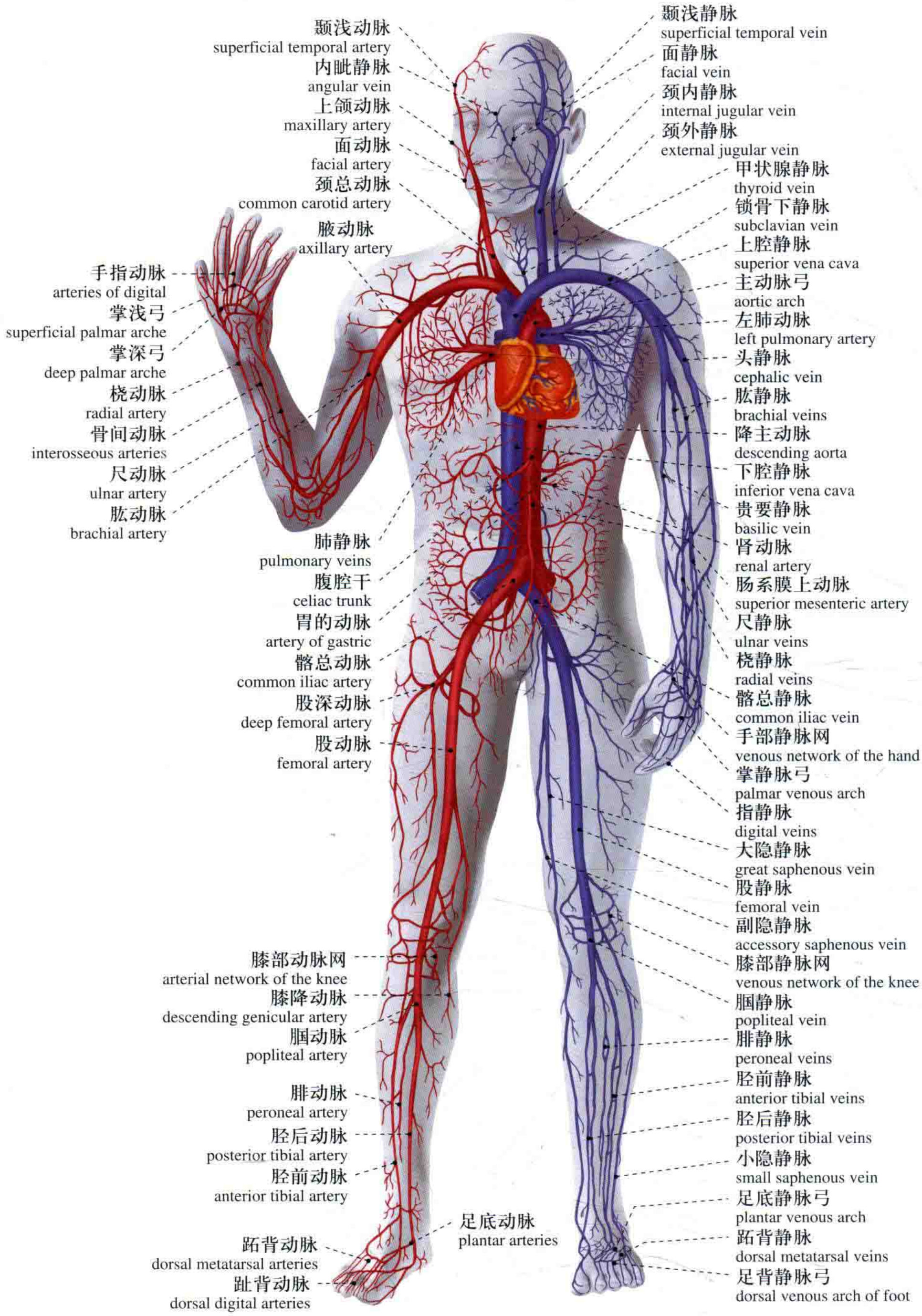


图 369 **血管分布（模式图）**

Distrbution of blood vessels (diagram)

第二节

心

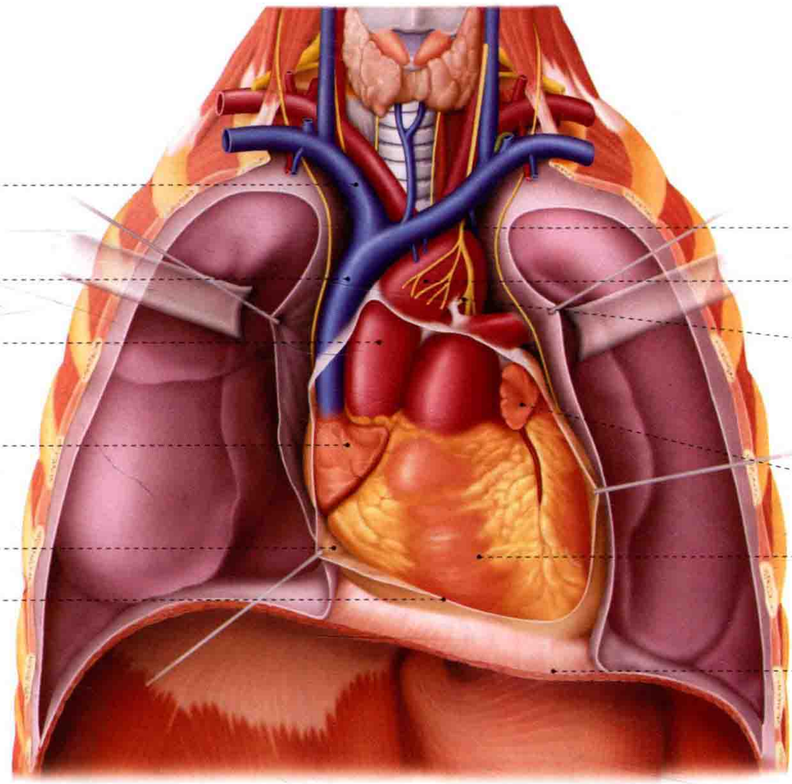


图 370 **心脏的位置**

Position of the heart

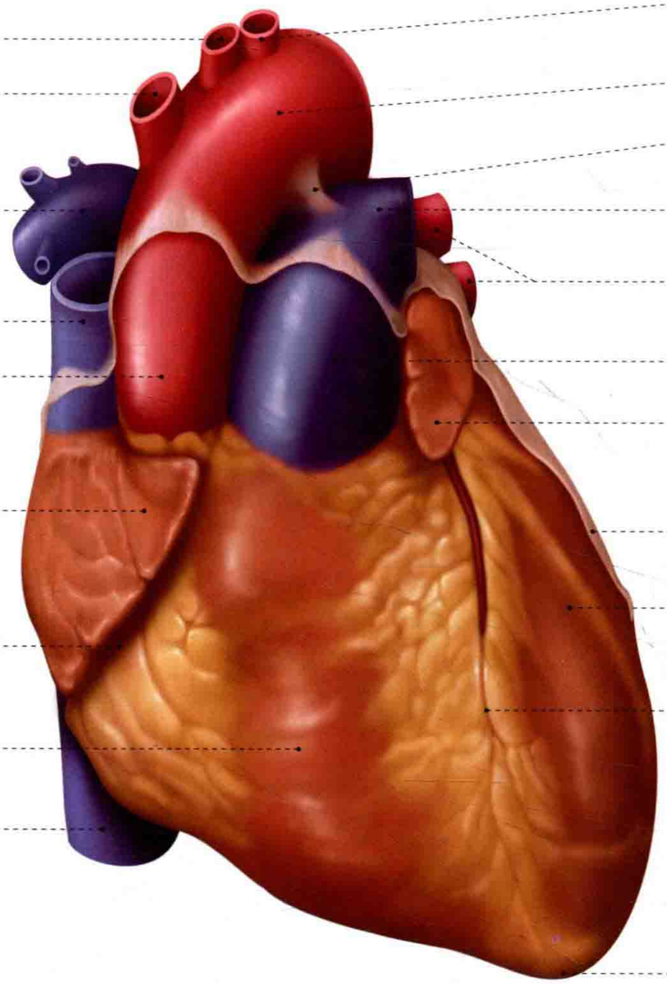


图 371　心脏的形状和结构（前面观）

Shape and structure of the heart (anterior aspect)

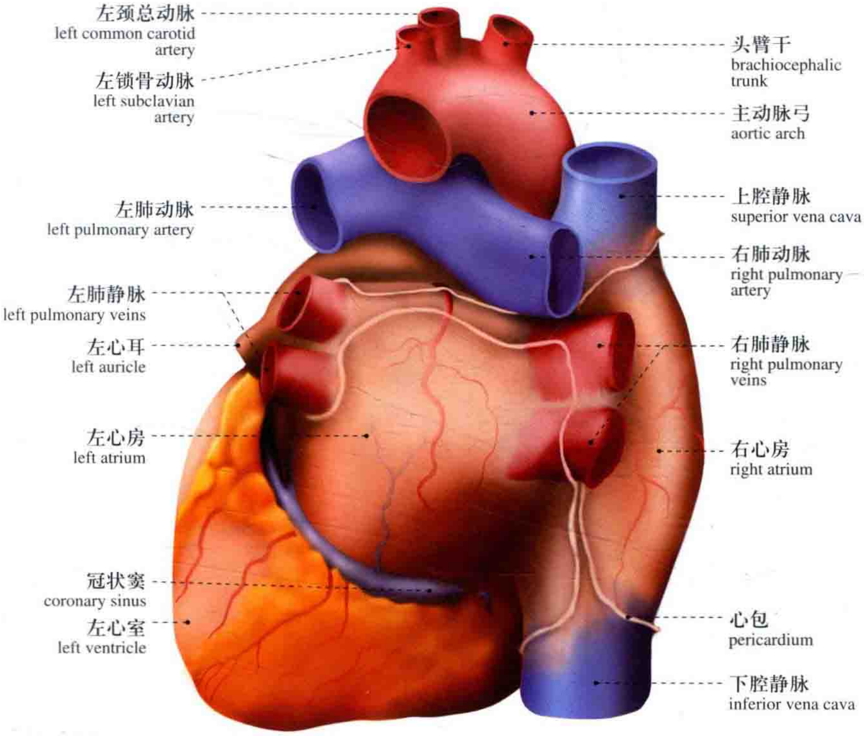


图 372　**心脏的形状和结构（后面观）**

Shape and structure of the heart (posterior aspect)

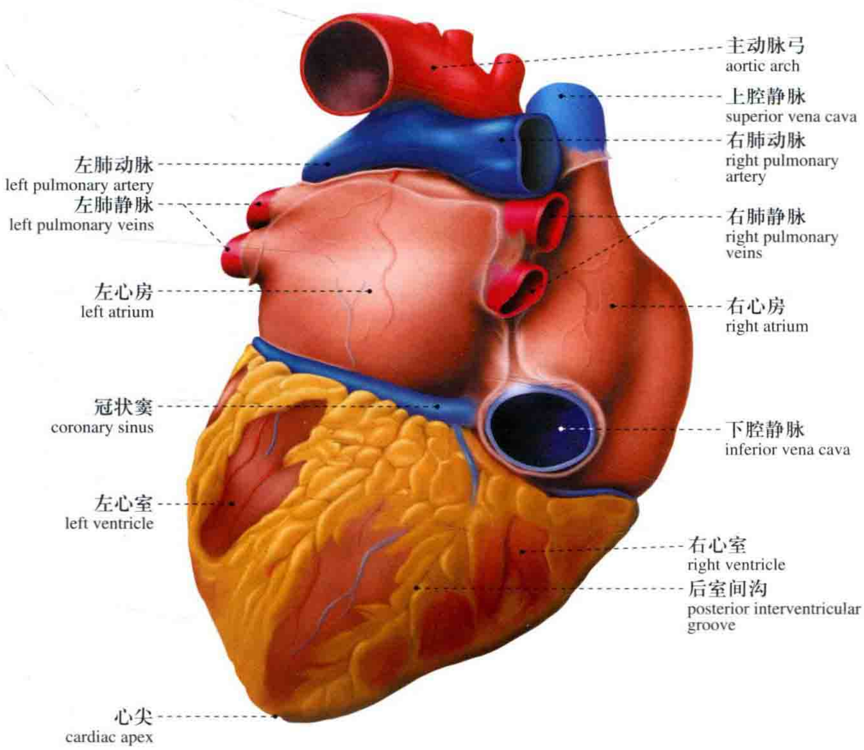


图 373　**心脏的形状和结构（后下面观）**

Shape and structure of the heart (posteroinferior aspect)

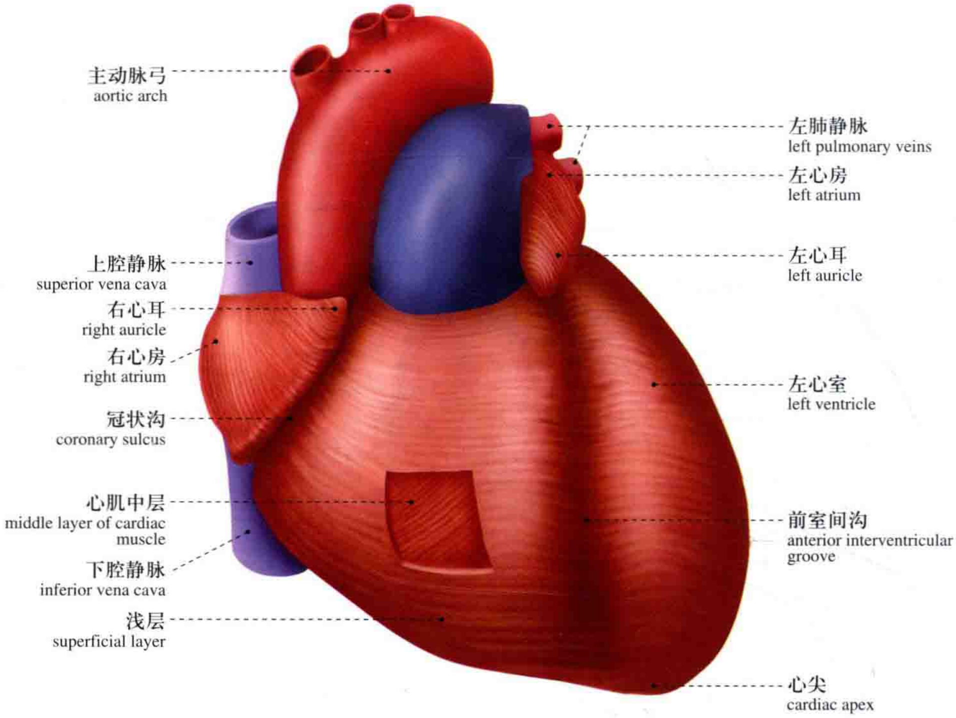


图 374　**心脏的肌肉结构（前面观）**

Muscular structure of the heart (anterior aspect)

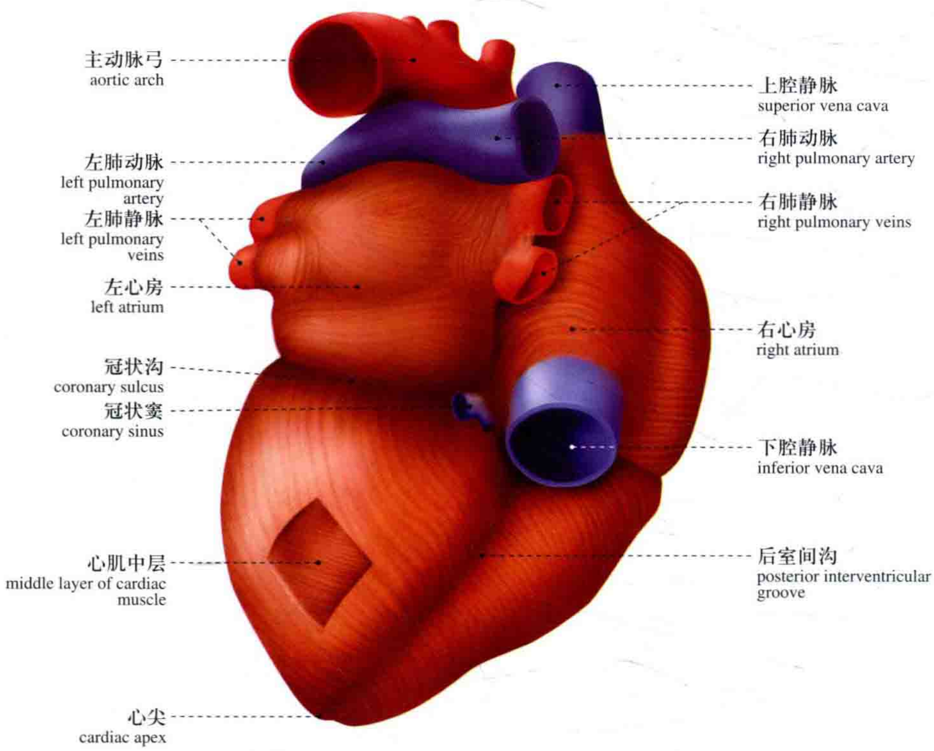


图 375　**心脏的肌肉结构（后下面观）**

Muscular structure of the heart (posteroinferior aspect)

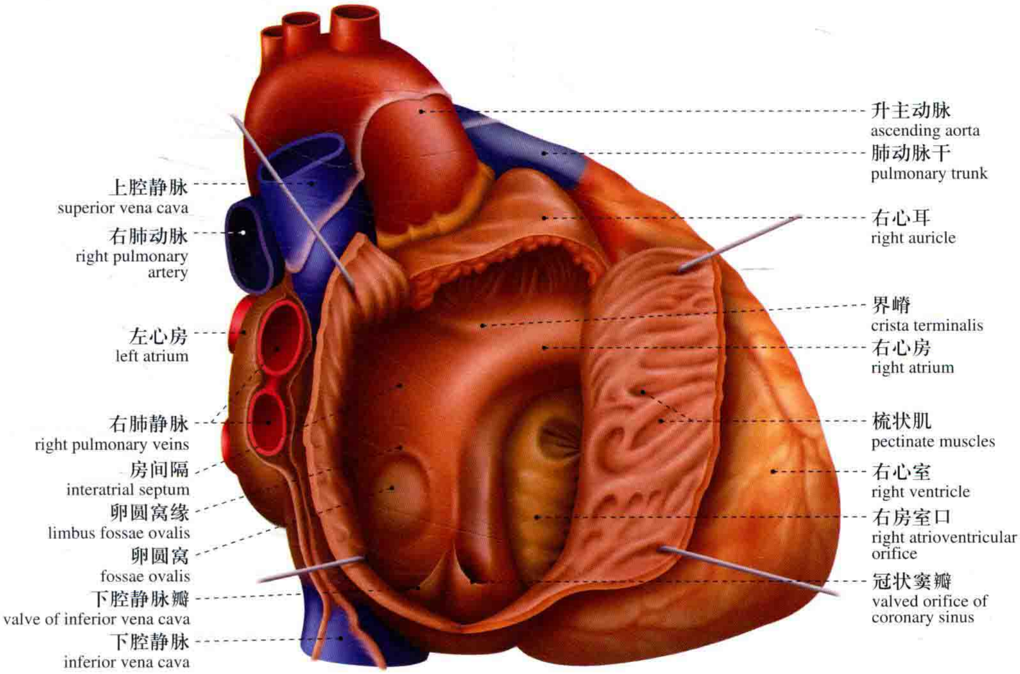


图 376 **右心房的结构**

Structure of right atrium

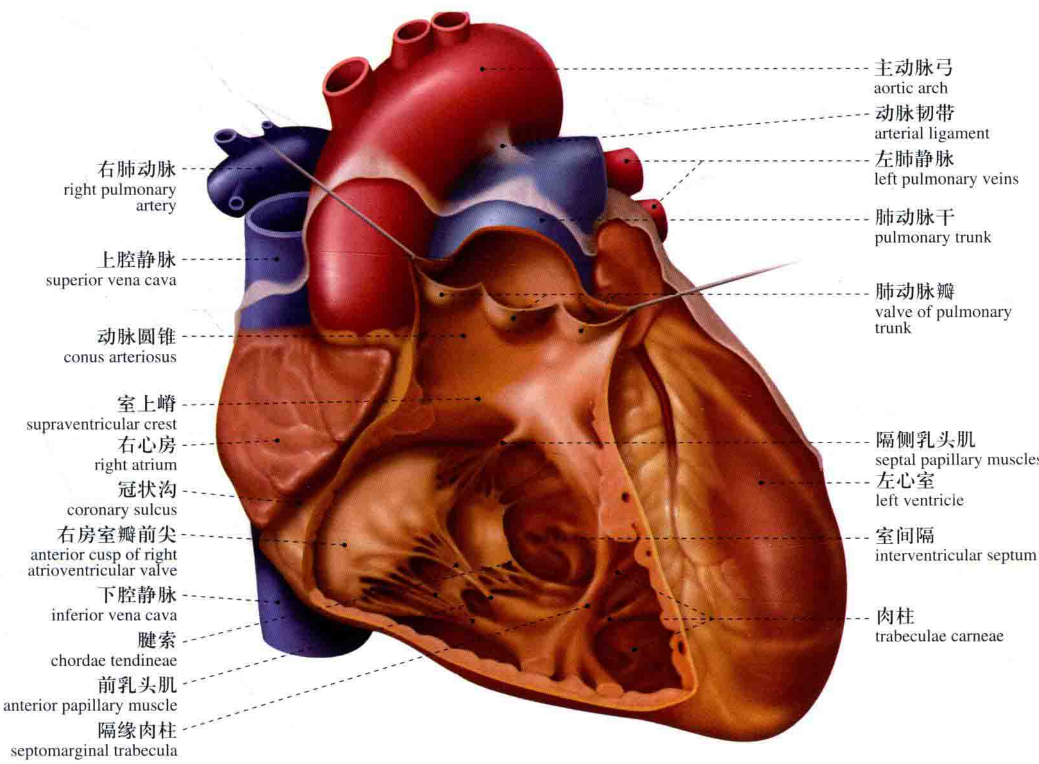


图 377 **右心室的结构**

Structure of right ventricular

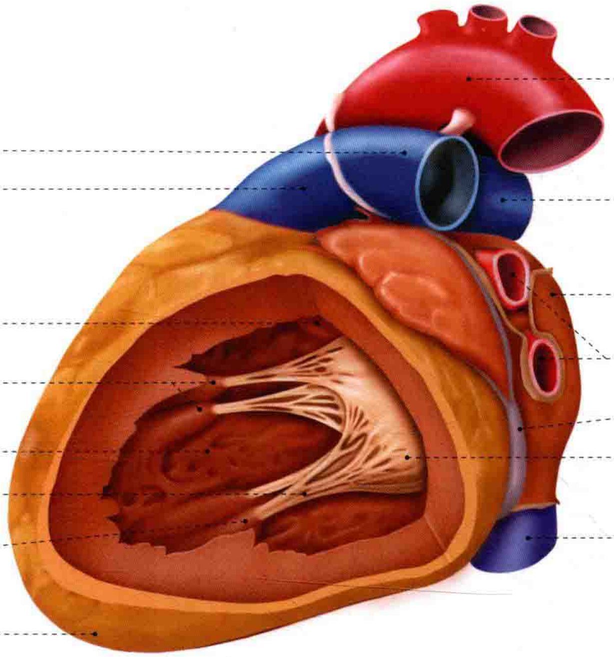


图 378　**左心室的结构**

Structure of left ventricular

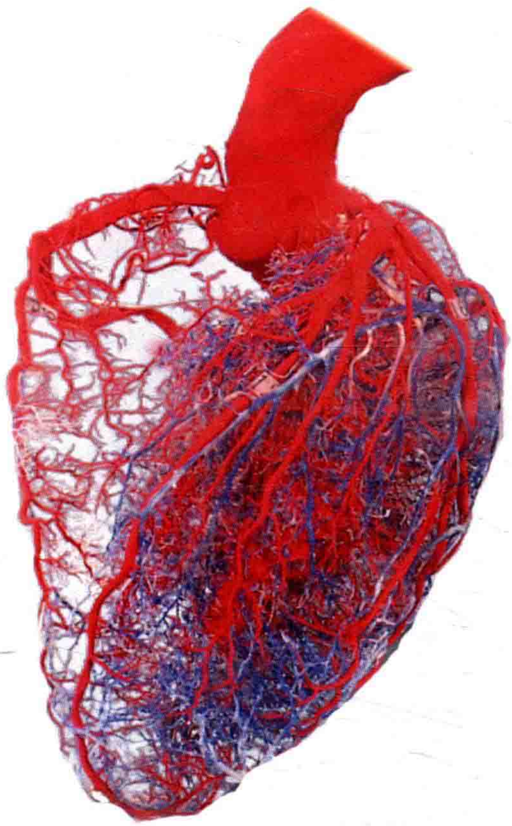


图 379　**心脏血管铸型**

Cast of the heart blood vessels

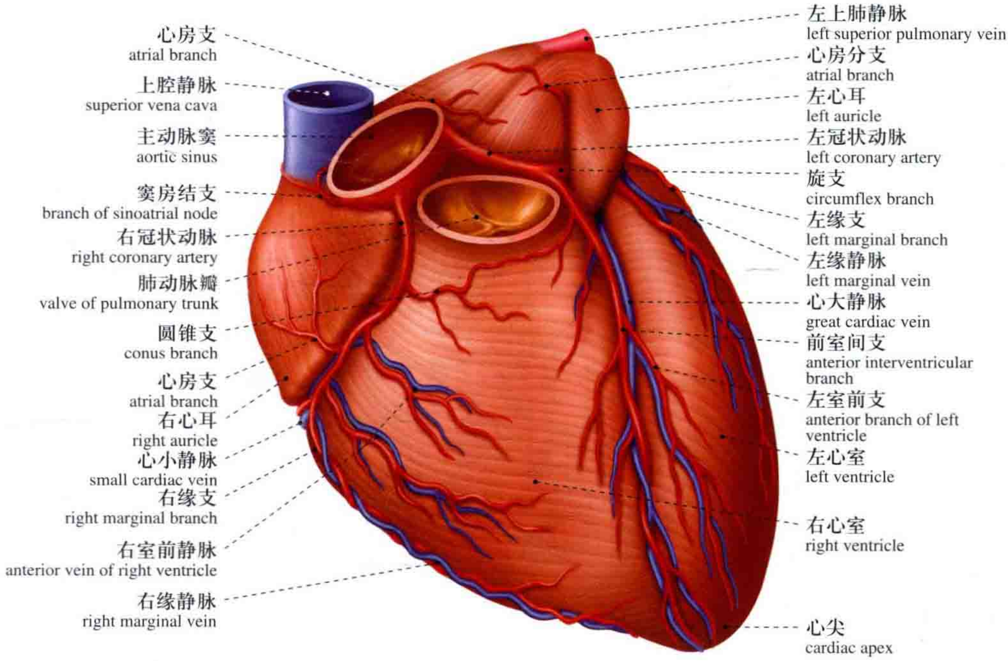


图 380 **冠状动脉和心脏静脉（前面观）**

Coronary arteries and cardiac veins (anterior aspect)

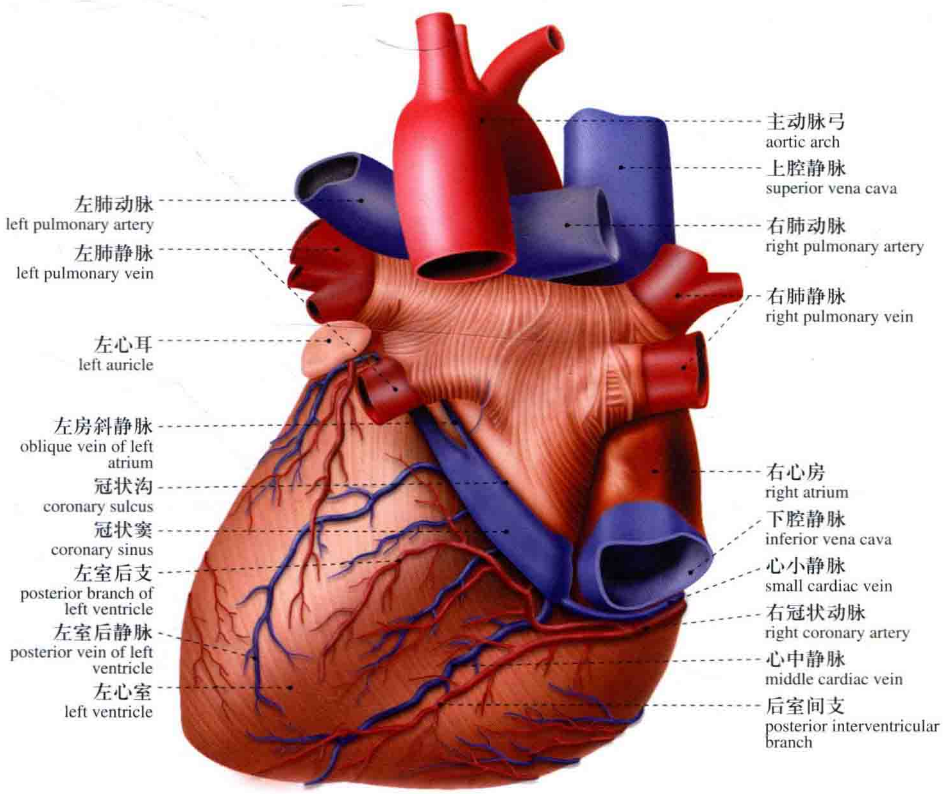


图 381 **冠状动脉和心脏静脉（后面观）**

Coronary arteries and cardiac veins (poster aspect)

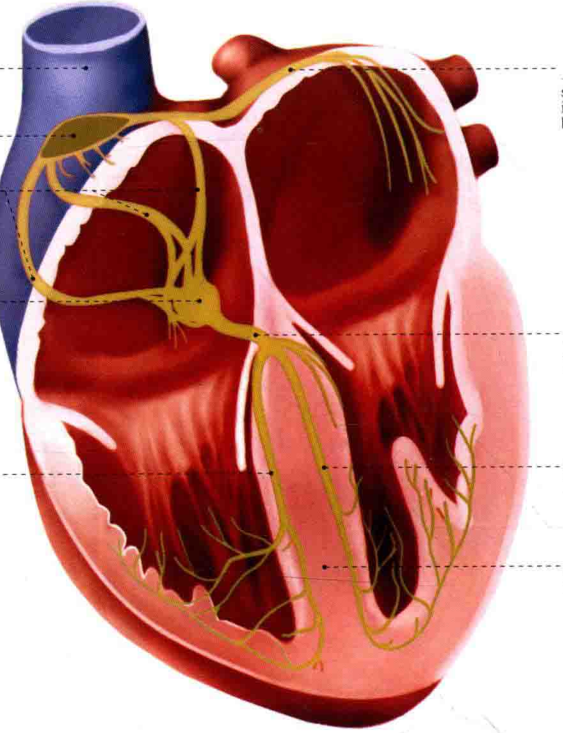


图 382 心传导系（前面观）

Conduction system of the heart (anterior aspect)

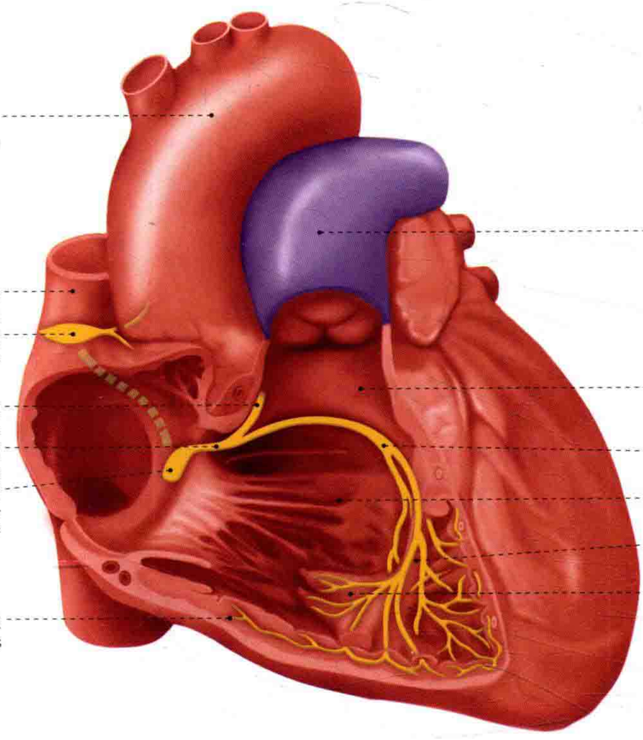


图 383 心传导系（右侧面观）

Conduction system of the heart (right lateral aspect)

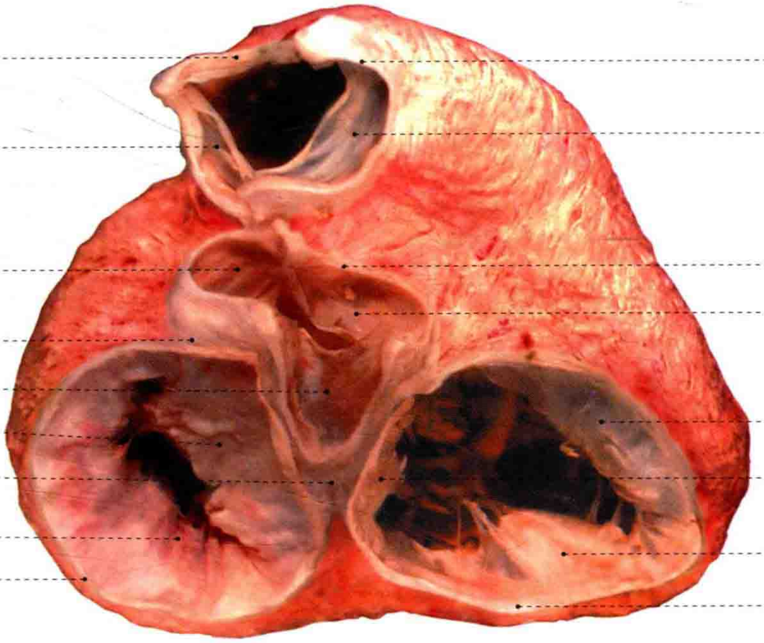


图 384 **心的瓣膜**

Valves of the heart

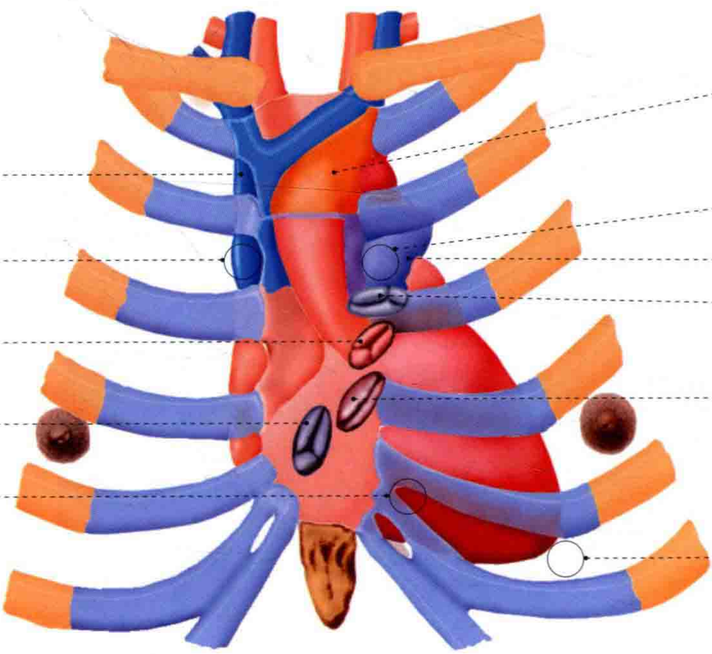


图 385 **心瓣膜的体表投影**

Surface projection of the valves of the heart

第三节

动 脉

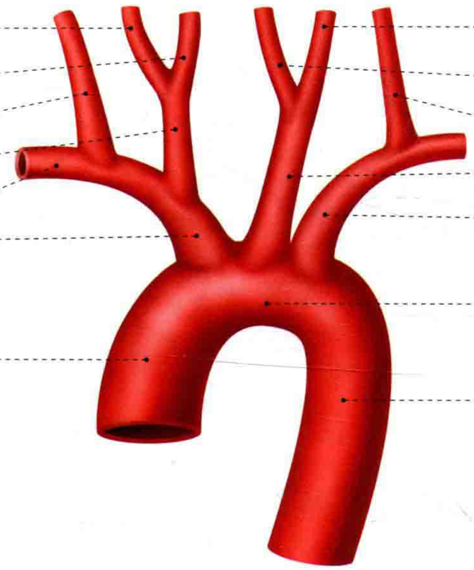


图 386 主动脉弓及其分支
Aortic arch and its branches

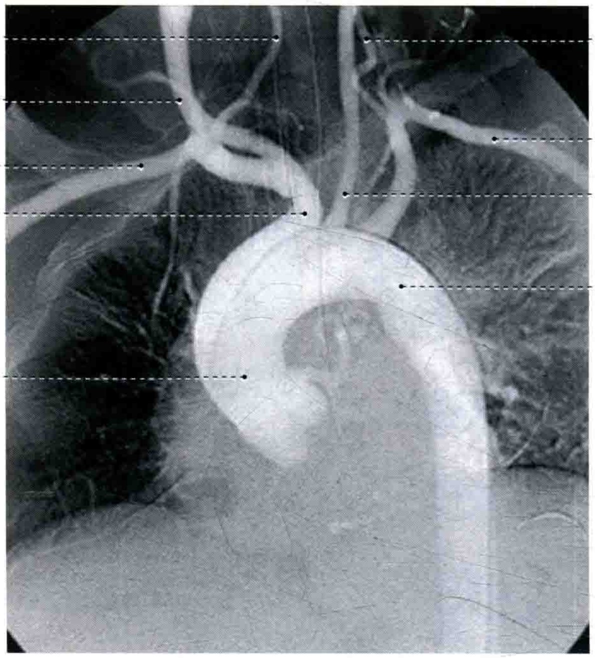


图 387 主动脉弓数字减影血管造影
DSA of the aortic arch

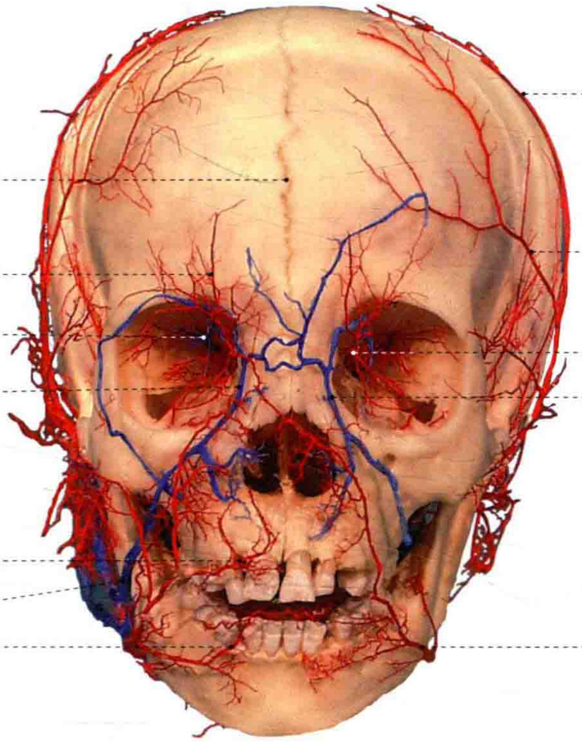


图 388 头部血管（前面观）
Blood vessels of the head (anterior aspect)

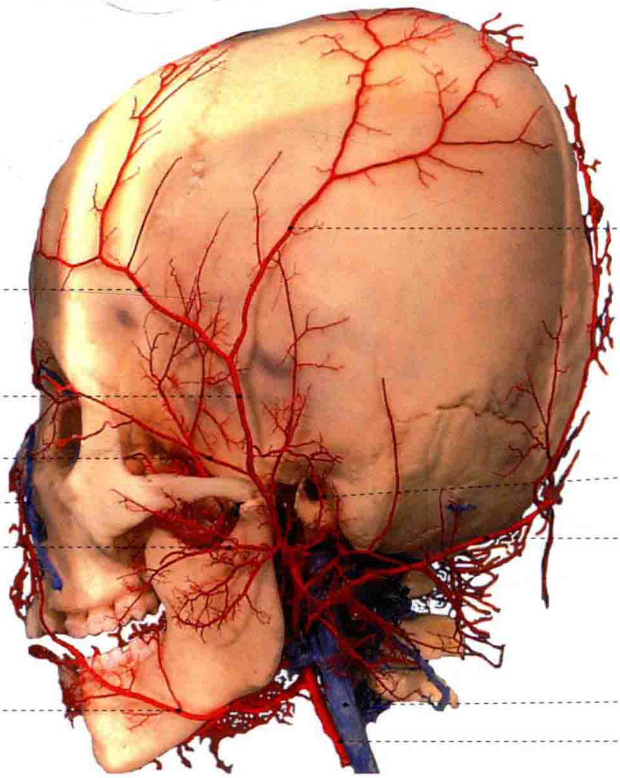


图 389 头部血管（侧面观）
Blood vessels of the head (lateral aspect)

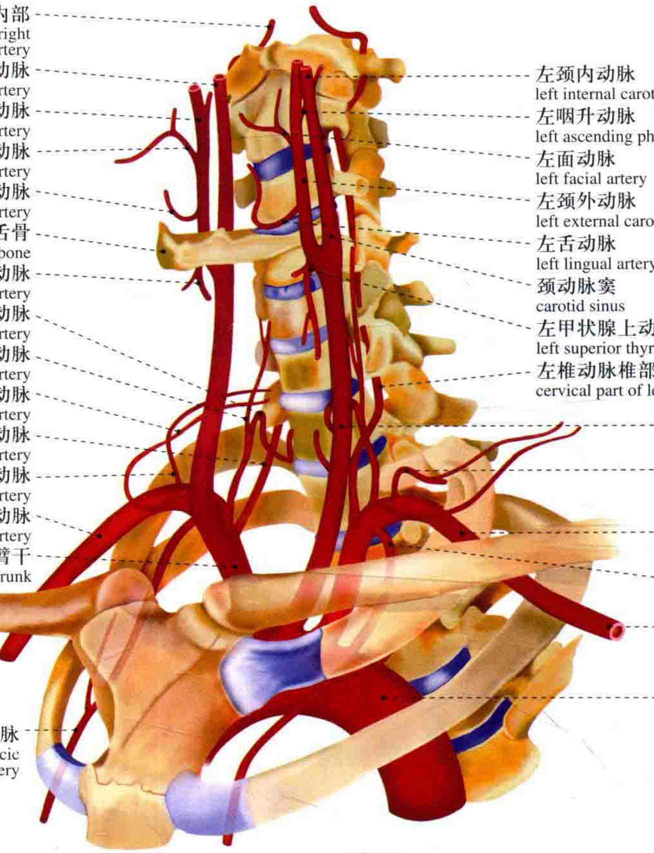


图 390 颈部动脉（左前斜位观）

Arteries of the neck (left anterior oblique aspect)

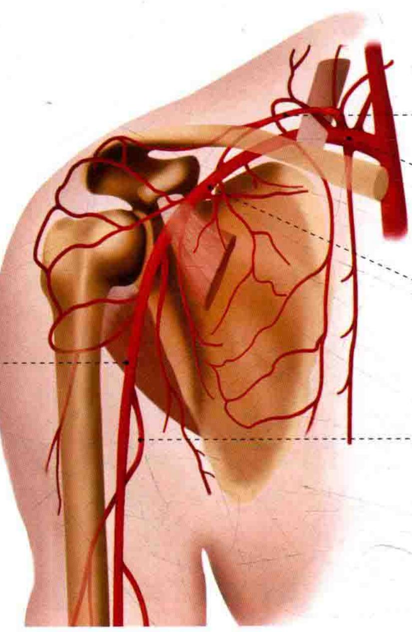


图 391 肩部动脉（前面观）

Shoulder arteries (anterior aspect)

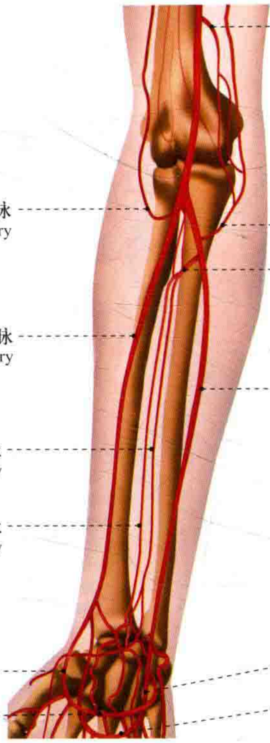


图 392 肘及前臂的动脉

Arteries of the elbow and forearm

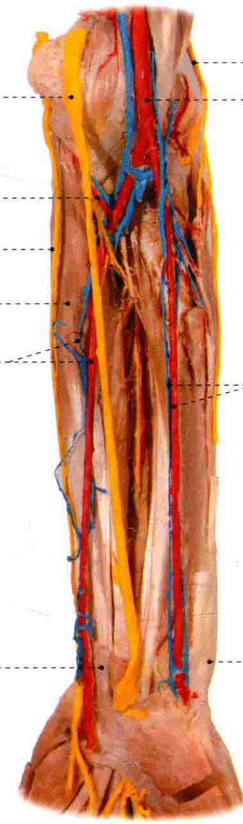


图 393 前臂前区血管和神经

Blood vessels and nerves of the anterior antebrachial region

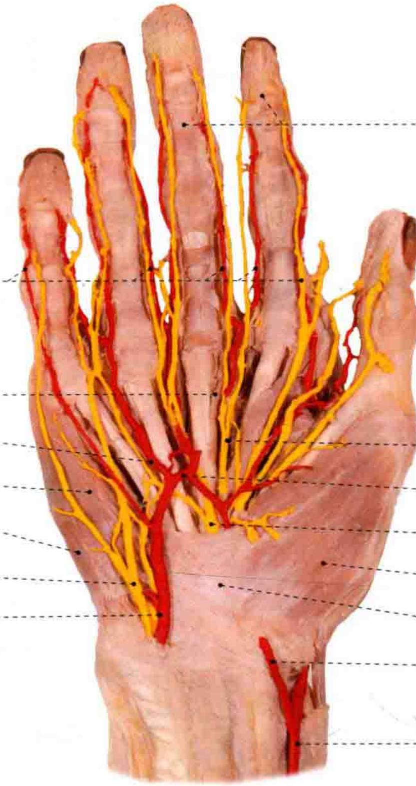


图 394　手掌面血管和神经

Blood vessels and nerves of the palmar aspect of the hand

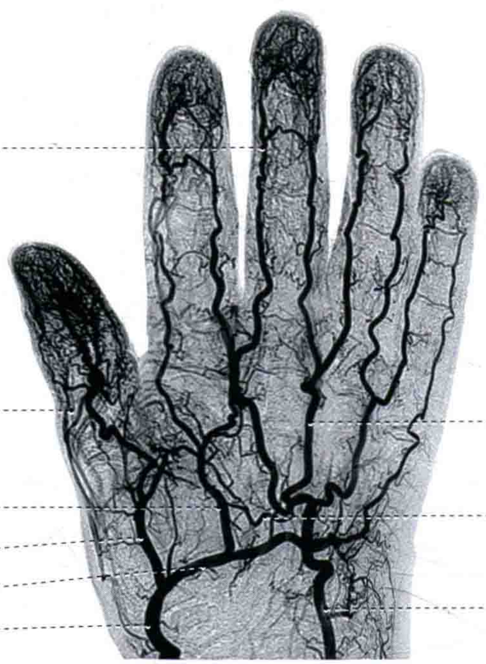


图 395　手部动脉数字减影血管造影

DSA of the hand arteries

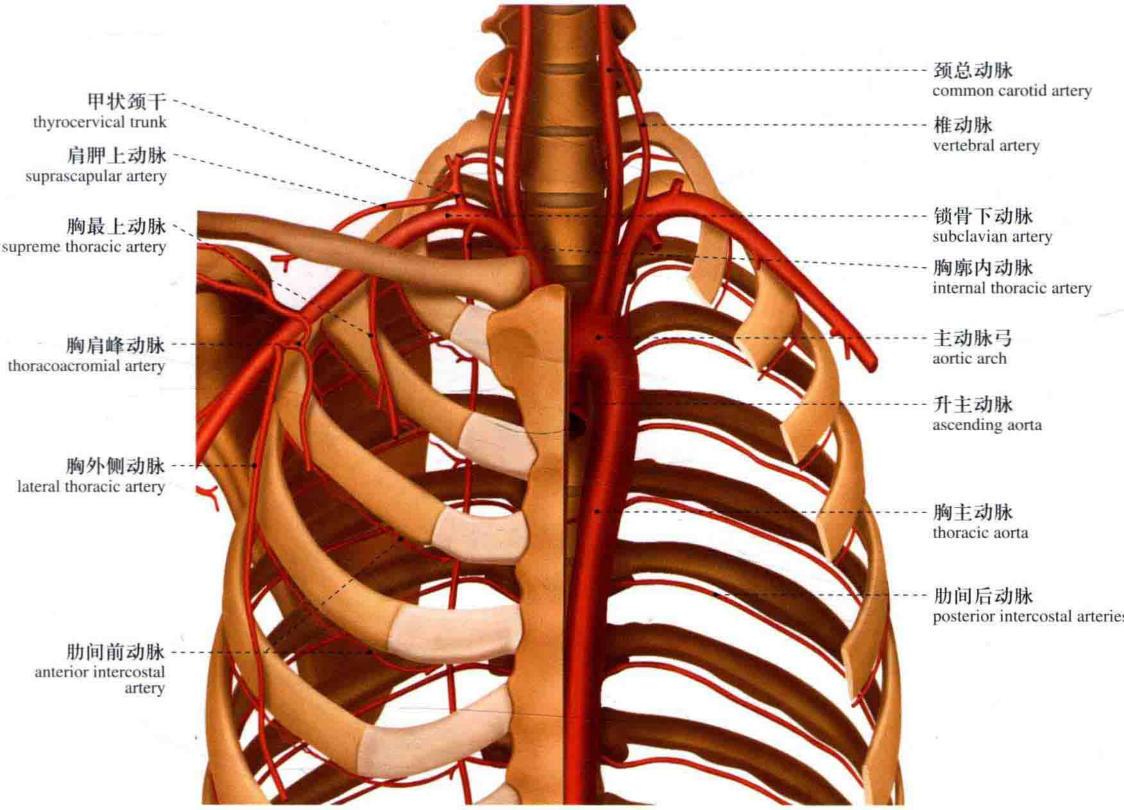


图 396 **胸壁动脉（前面观）**

Arteries of the chest wall (anterior aspect)

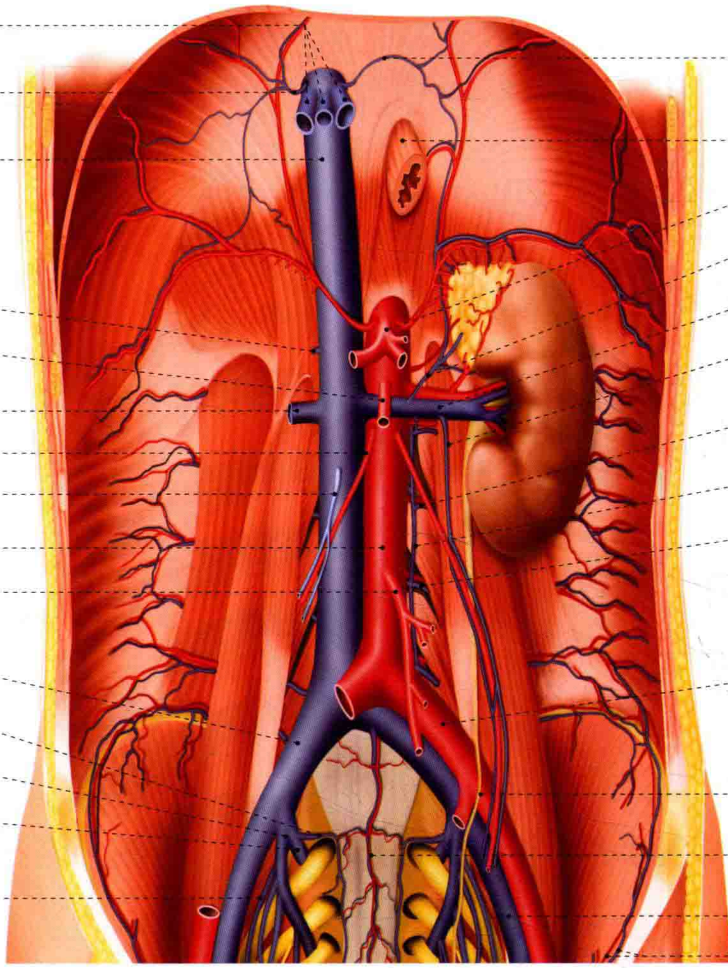


图 397　**腹后壁的血管（女）**

Blood vessels of the posterior abdominal wall (female)

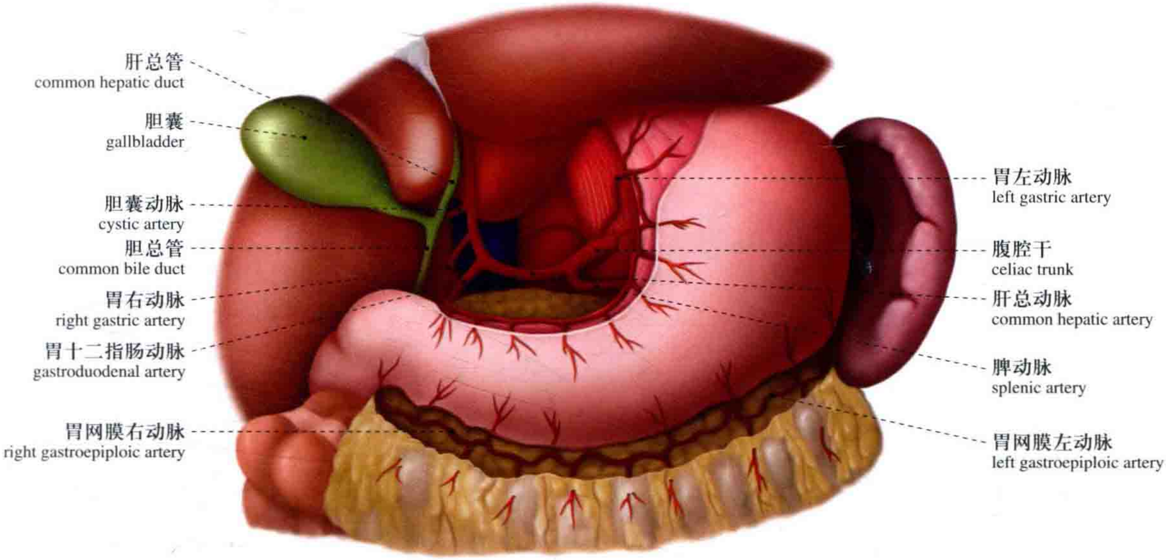


图 398 腹腔干及其分支（胃前面）
Celiac trunk and its branches (front of the stomach)

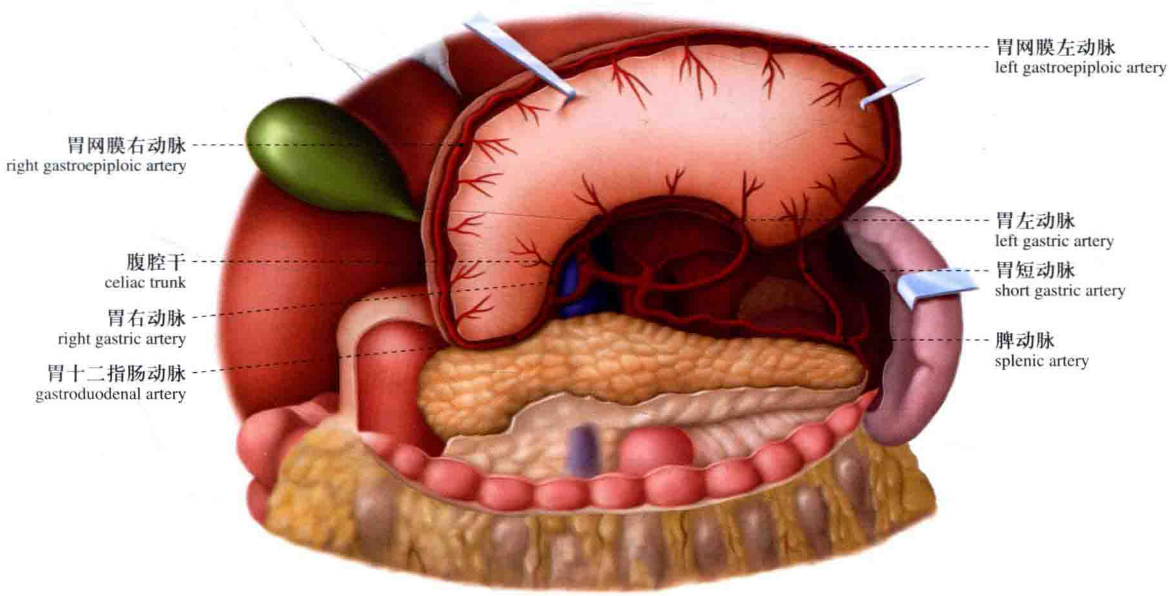


图 399 腹腔干及其分支（胃后面）
Celiac trunk and its branches (behind the stomach)

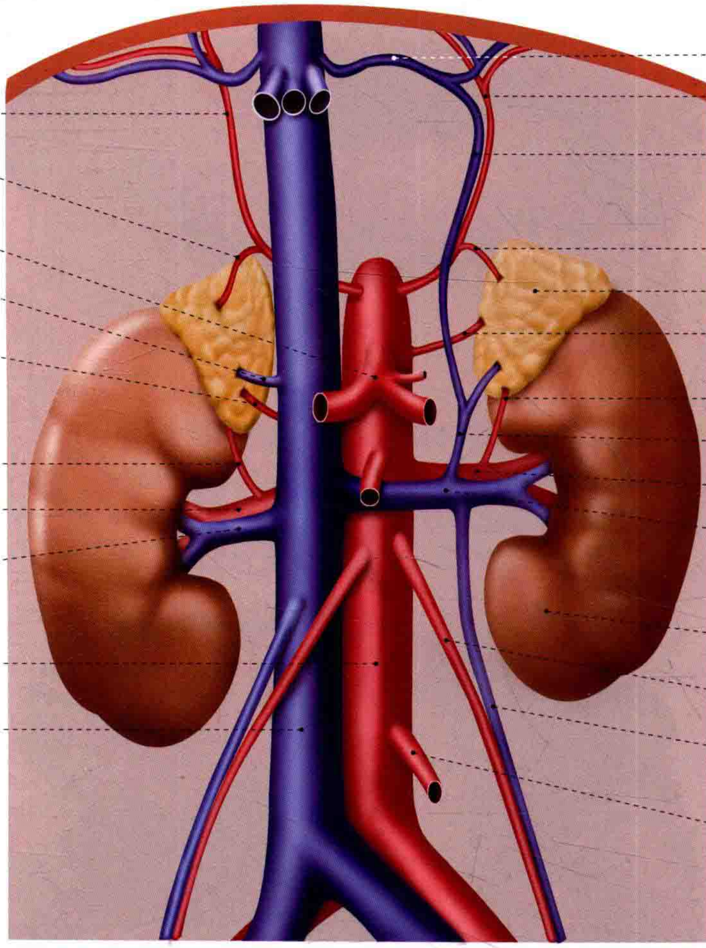


图 400 肾及肾上腺的动、静脉

Arteries and veins of the kidneys and suprarenal glands

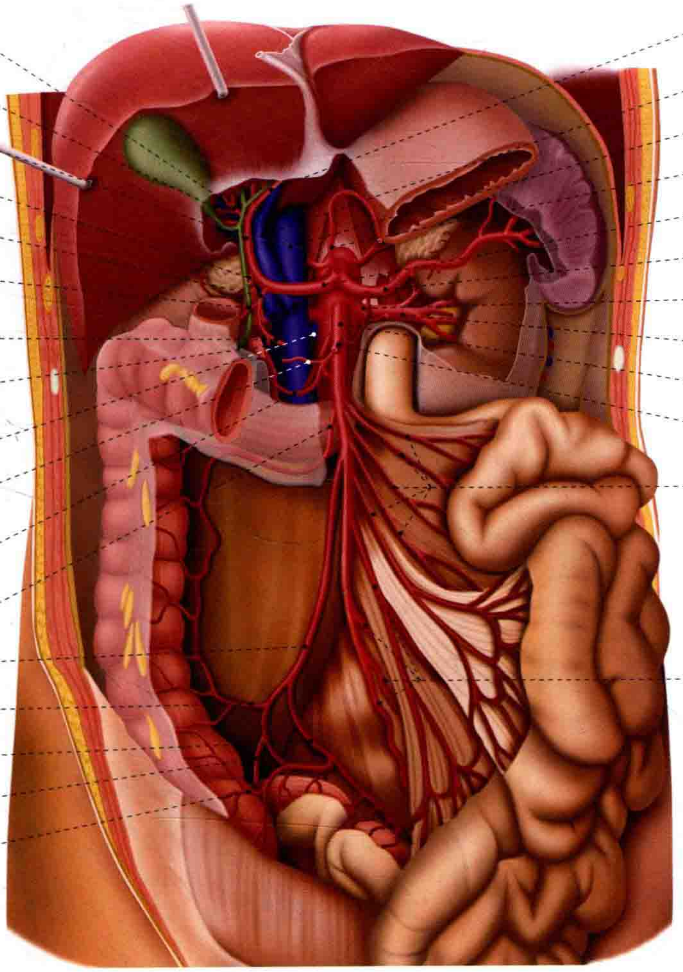


图 401 肠系膜上动脉及其分支

Superior mesenteric artery and its branches

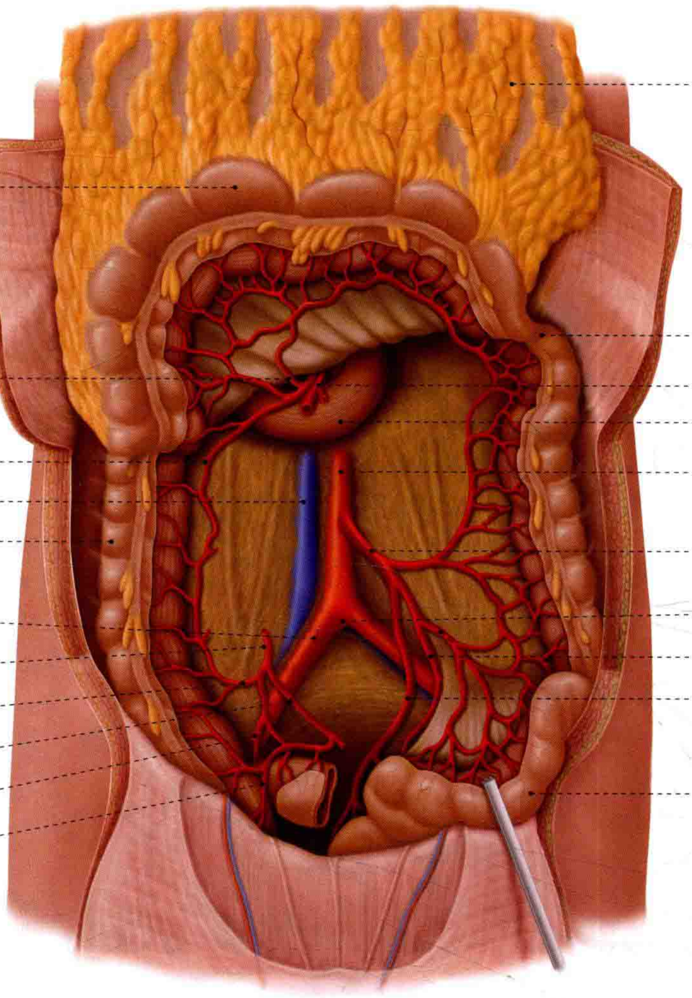


图 402　肠系膜下动脉及其分支

Inferior mesenteric artery and its branches

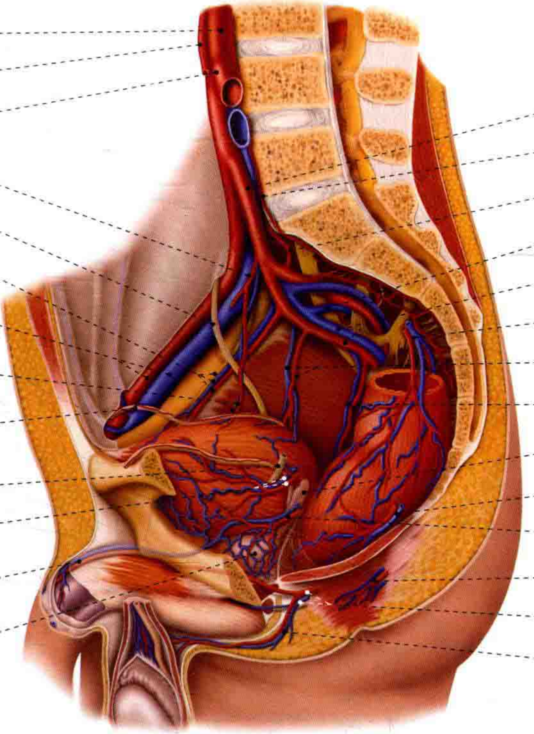


图 403　男性盆腔器官的动、静脉

Arteries and veins of the pelvic organs in the male

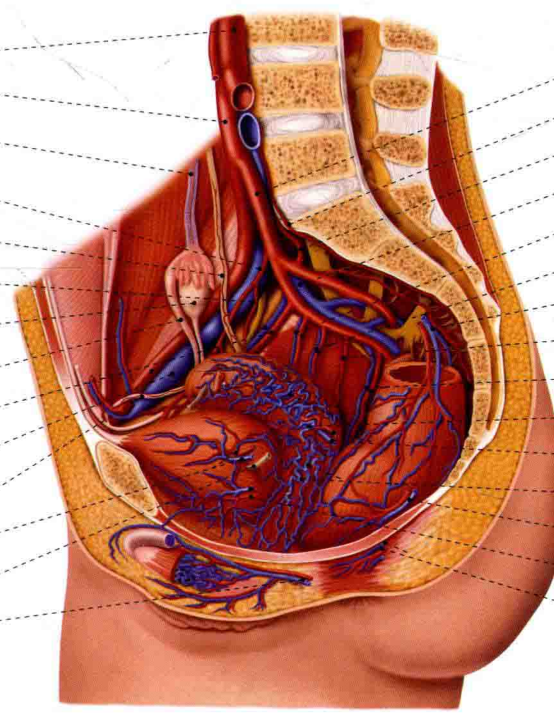


图 404　女性盆腔器官的动、静脉

Arteries and veins of the pelvic organs in the female

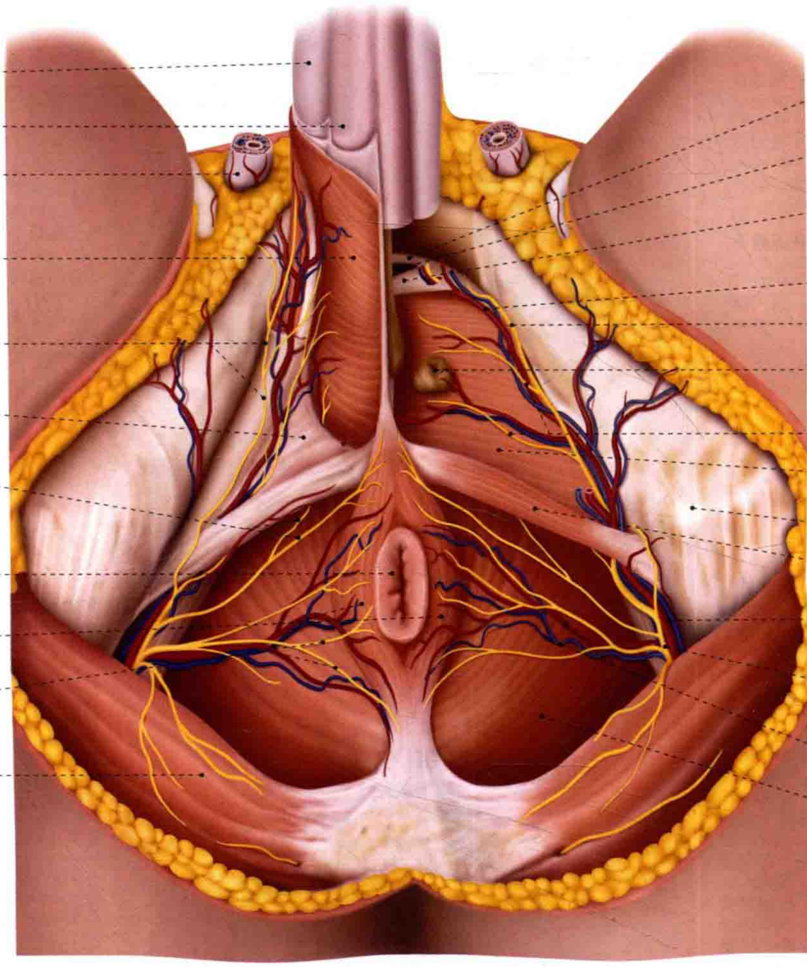


图 405 男性会阴部血管和神经

Blood vessels and nerves of the male perineum

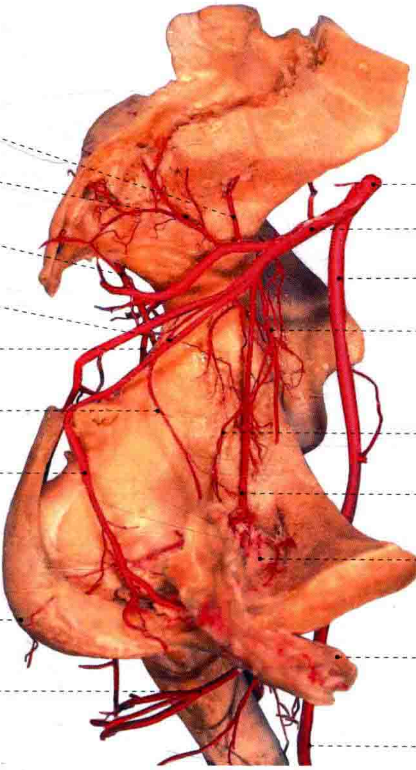


图 406　髂内动脉及其分支 1

Internal iliac artery and its branches 1

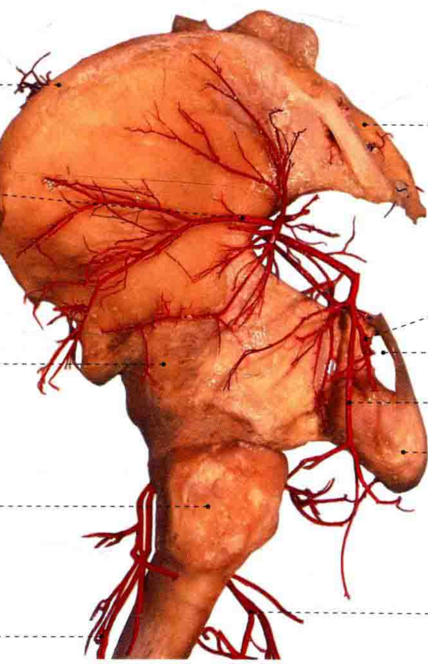


图 407　髂内动脉及其分支 2

Internal iliac artery and its branches 2

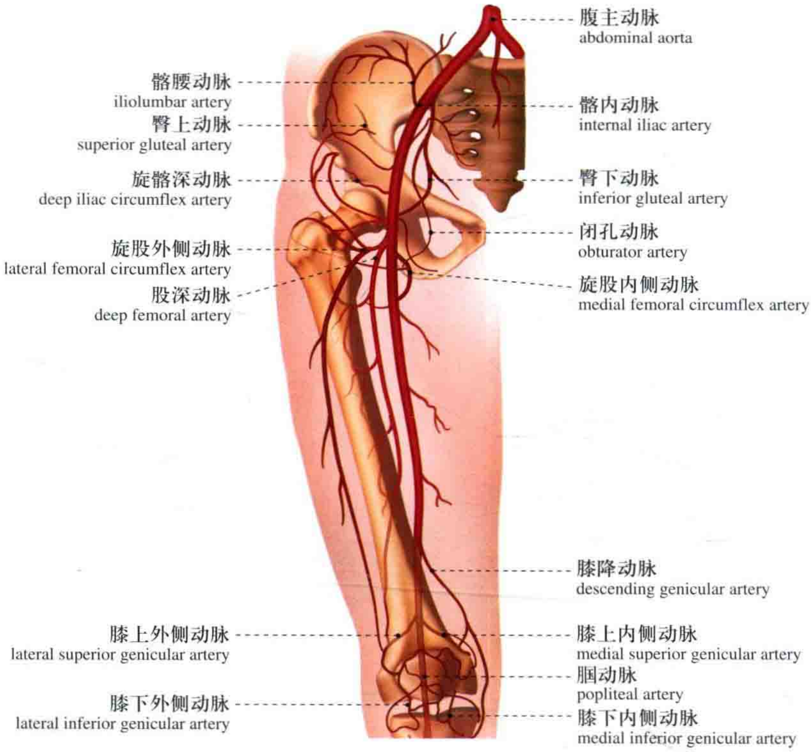


图 408　髋股部的动脉

Arteries of the hip and thigh

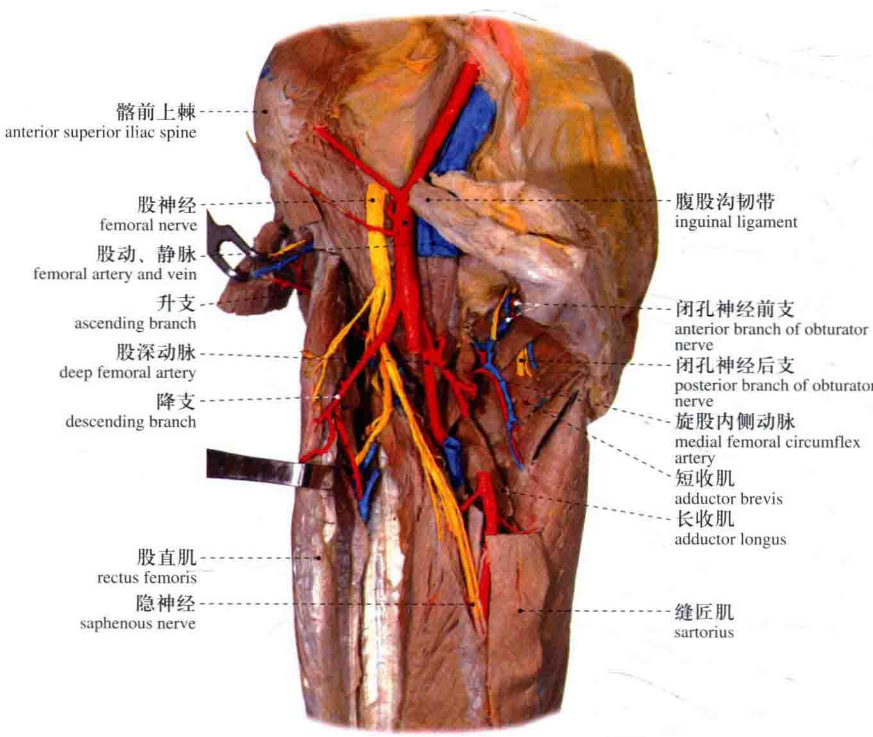


图 409　闭孔区血管和神经

Blood vessels and nerves of the obturator region

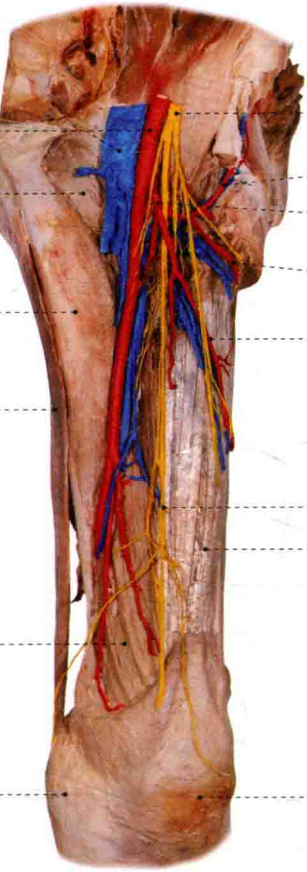


图 410 股前区血管和神经

Blood vessels and nerves of the anterior femoral region

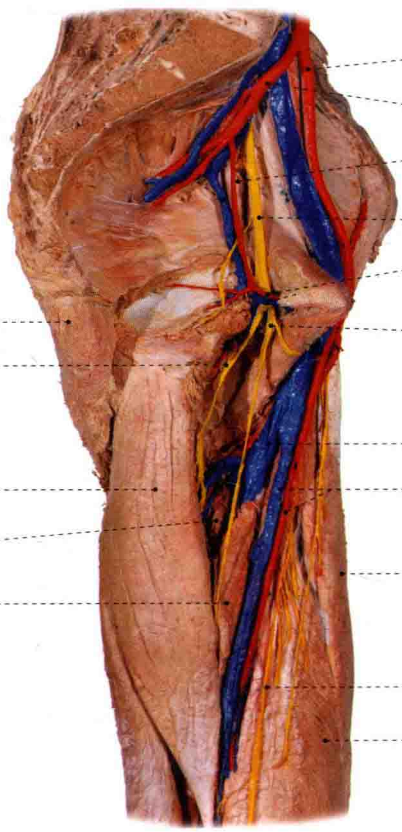


图 411 股内侧面血管和神经

Blood vessels and nerves of the medial femoral aspect

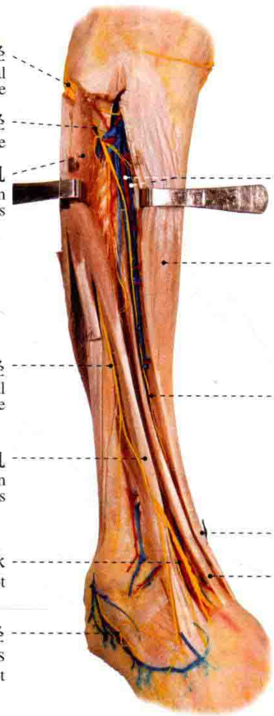


图 413 小腿前区血管和神经

Blood vessels and nerves of the anterior crural region

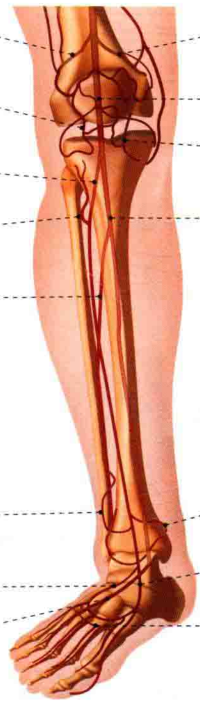


图 412 膝及小腿的动脉

Arteries of the knee and leg

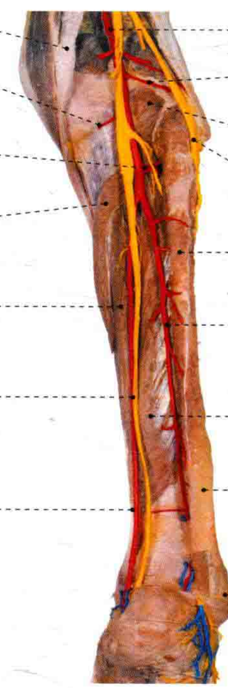


图 414 小腿后区血管和神经

Blood vessels and nerves of the posterior crural region

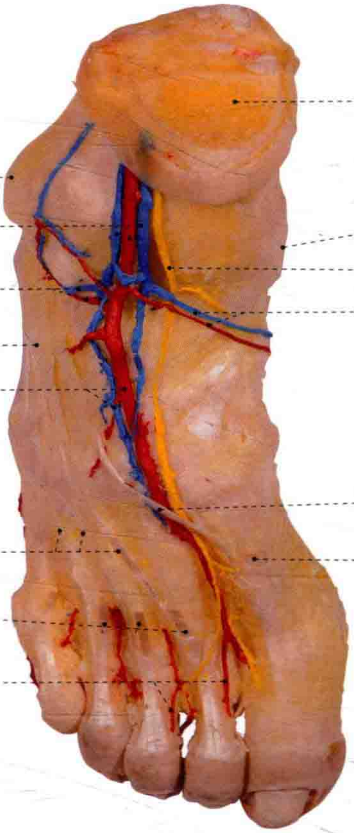


图 415　足背区血管和神经

Blood vessels and nerves of the dorsal region of the foot

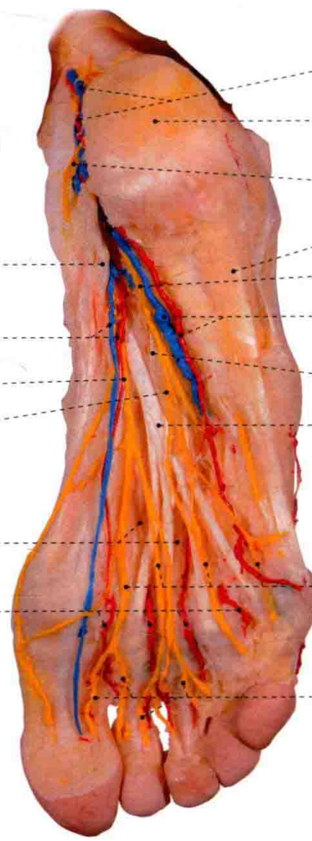


图 416　足底区血管和神经

Blood vessels and nerves of the plantar region of the foot

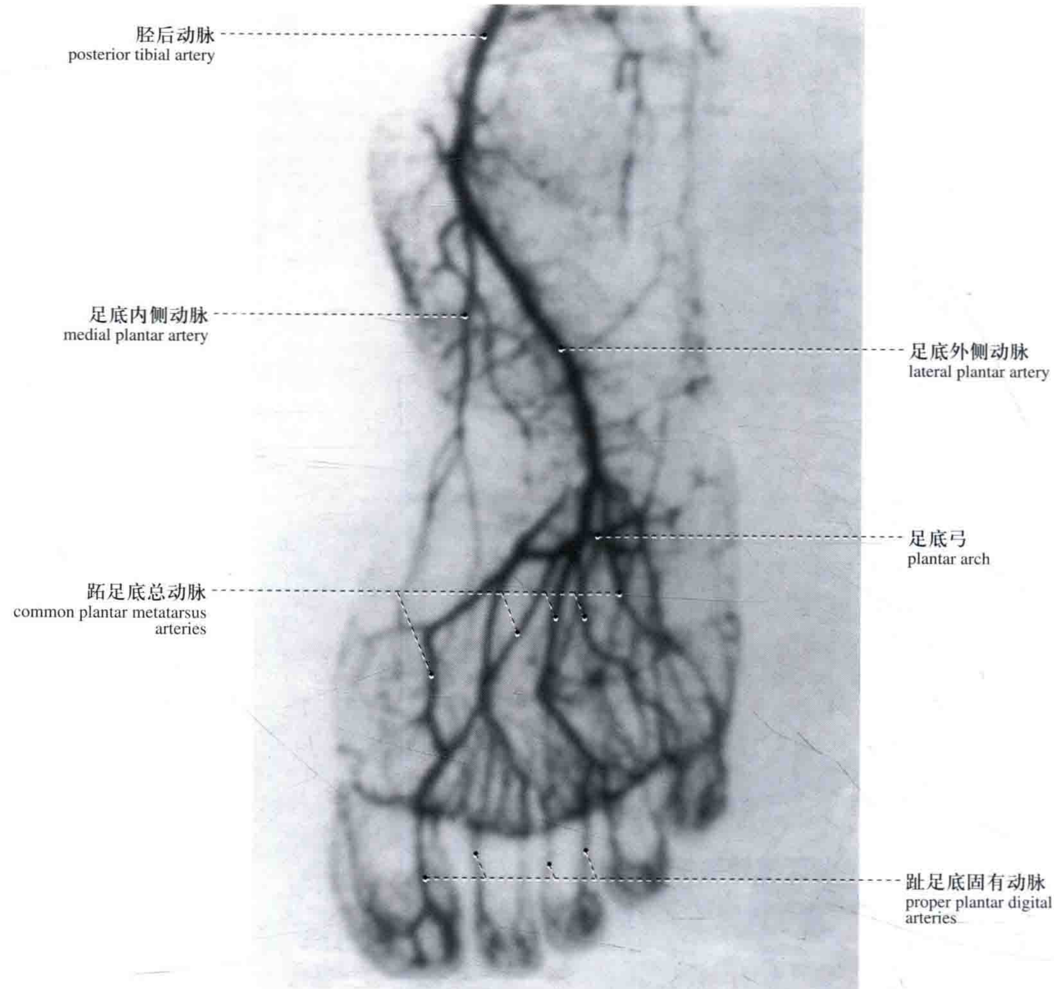


图 417 **足动脉造影 1**

Angiography of the foot arteries 1

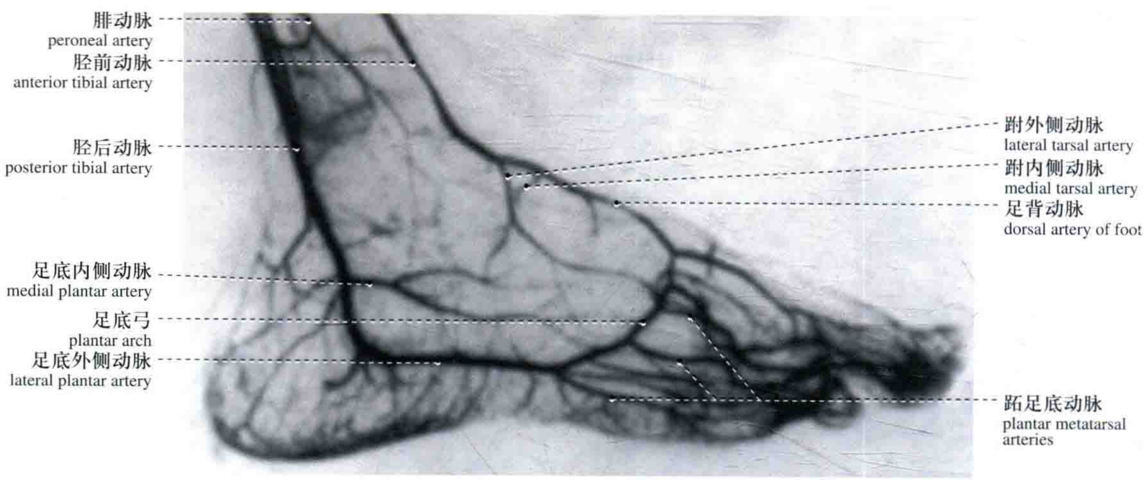


图 418 **足动脉造影 2**

Angiography of the foot arteries 2

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静　脉

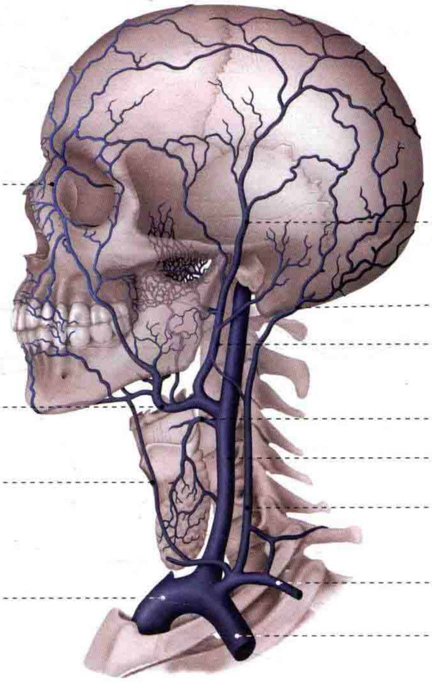


图 419　头部浅静脉（侧面观）

Superficial veins of the head (lateral aspect)

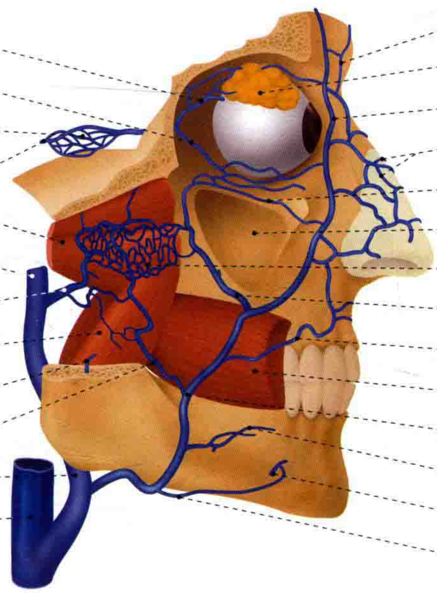


图 420　头部深静脉（侧面观）

Deep veins of the head (lateral aspect)

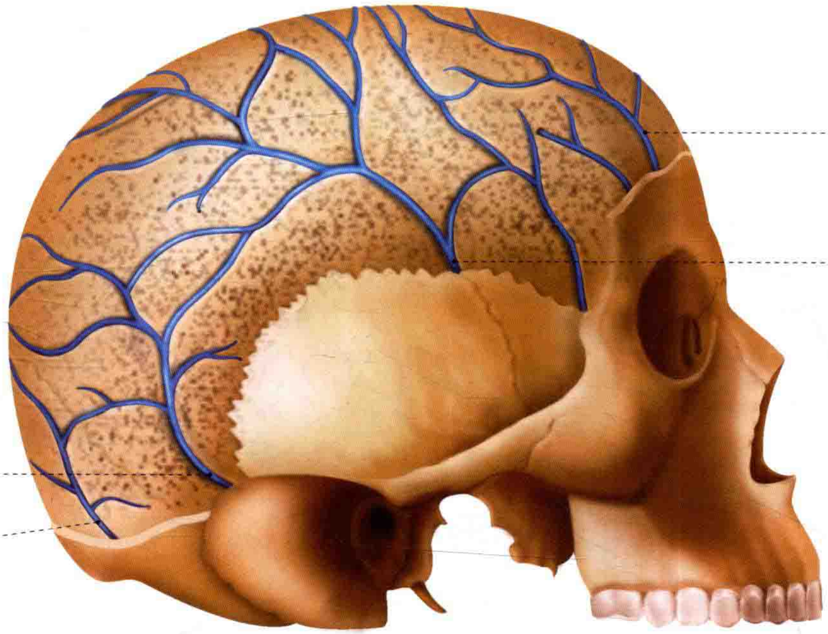


图 421 **板障静脉**

Diploic veins

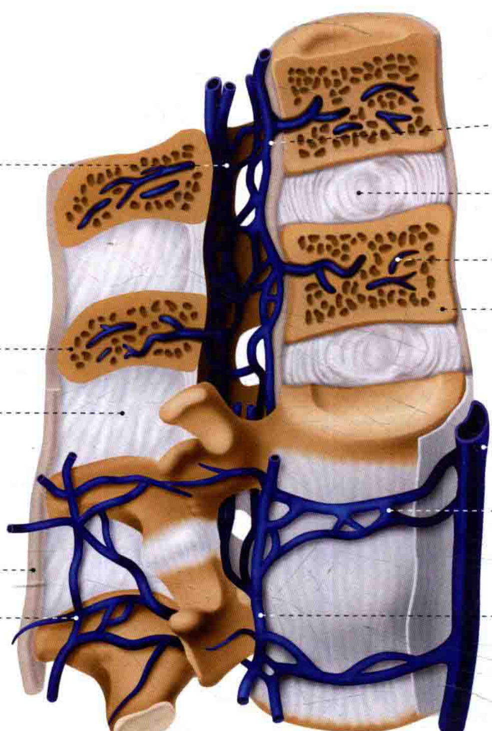


图 422 **椎静脉丛**

Vertebral venous plexus

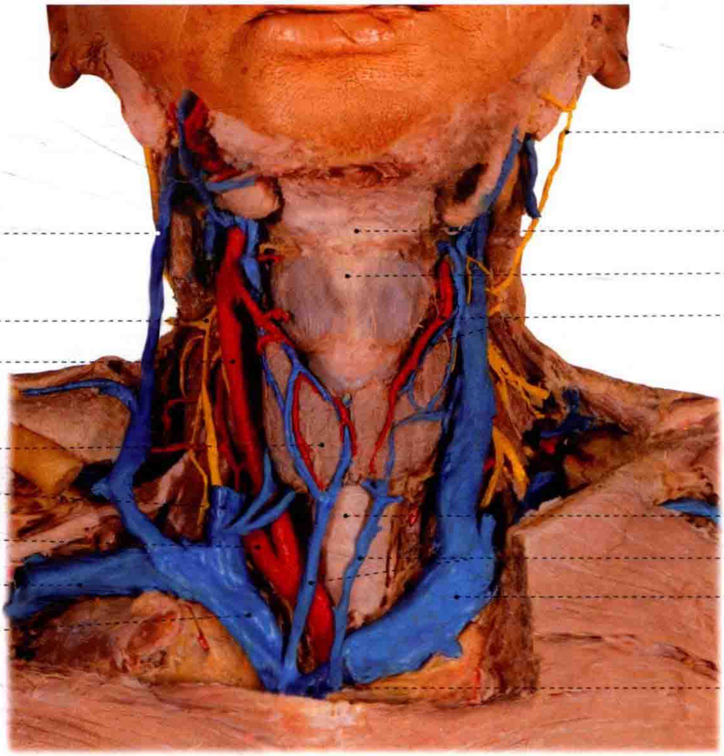


图 423　颈前区血管和神经

Blood vessels and nerves of anterior region of the neck

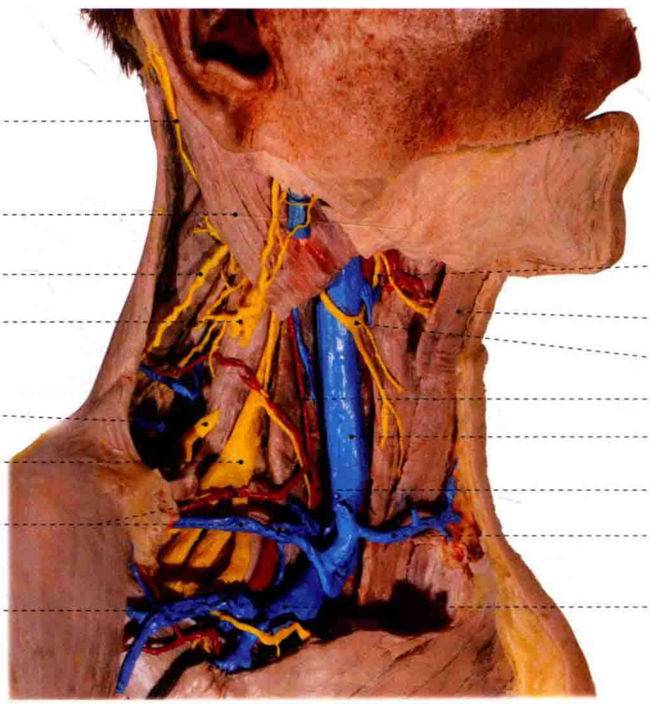


图 424　颈外侧区血管和神经

Blood vessels and nerves of lateral region of the neck



图 426　肘前区血管和神经

Blood vessels and nerves of the anterior cubital region

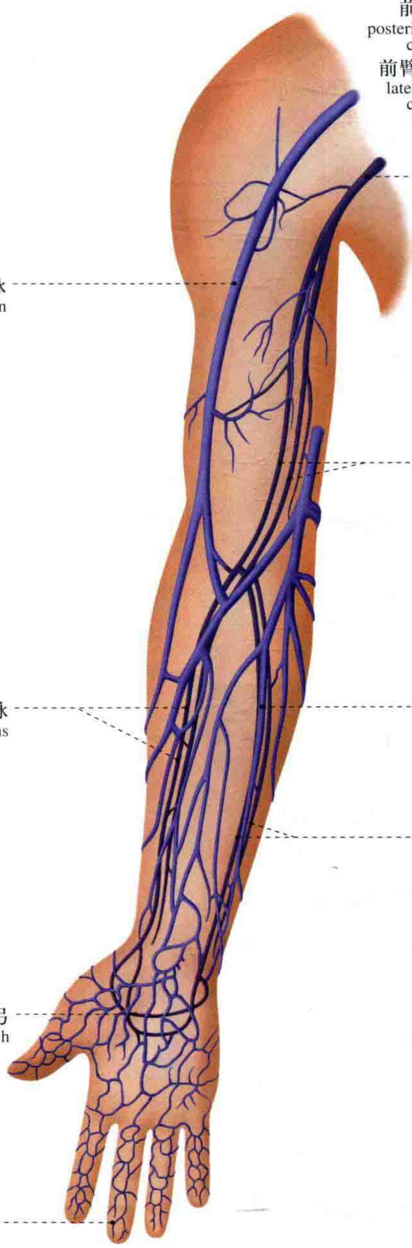


图 425　上肢静脉

Veins of the upper limb

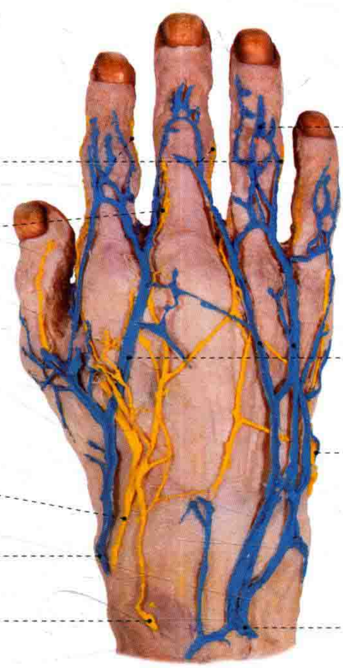


图 427　手背面血管和神经

Blood vessels and nerves of the dorsal aspect of the hand

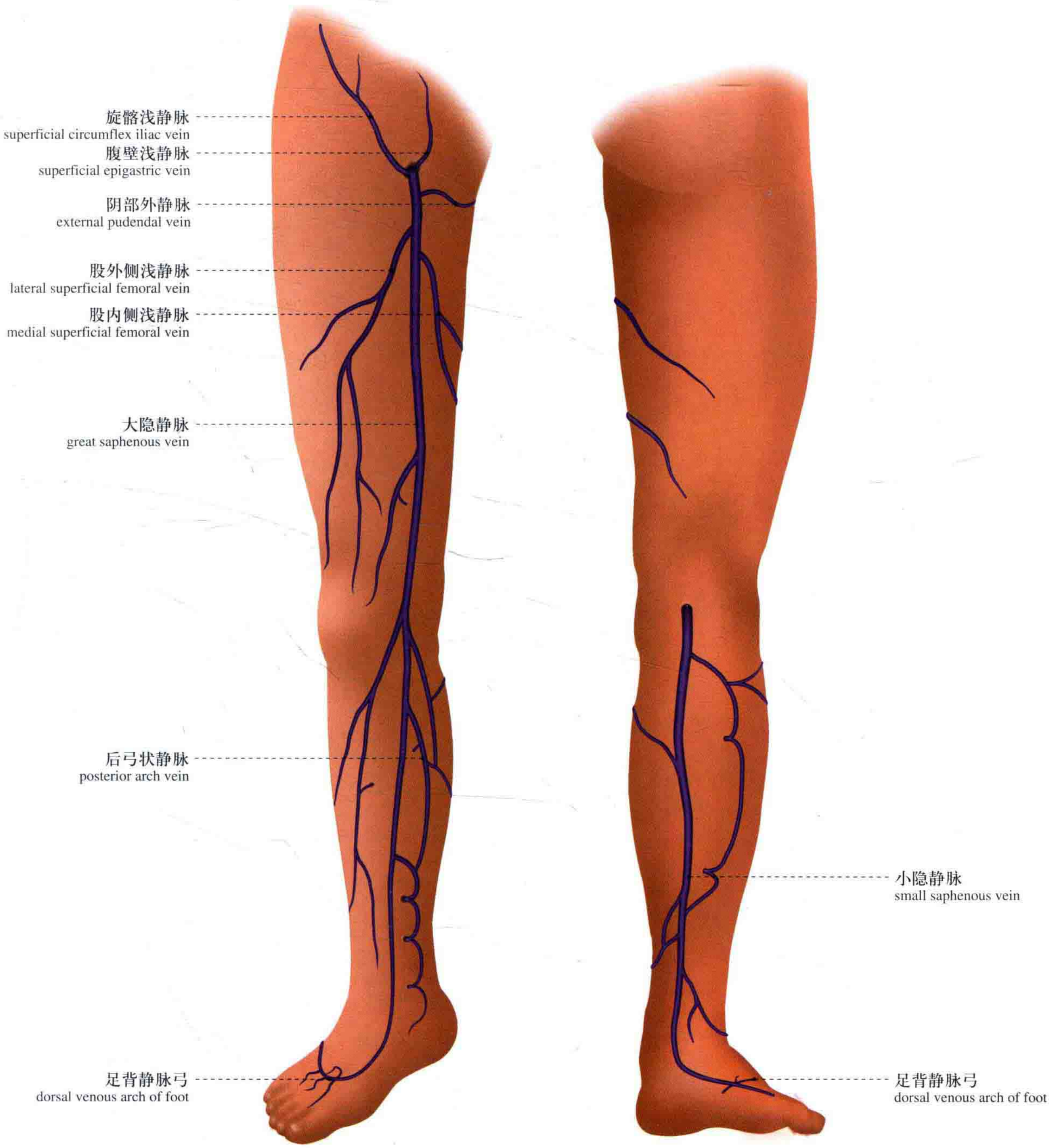


图 428　**大、小隐静脉及其属支**

Great and small saphenous veins and its tributaries

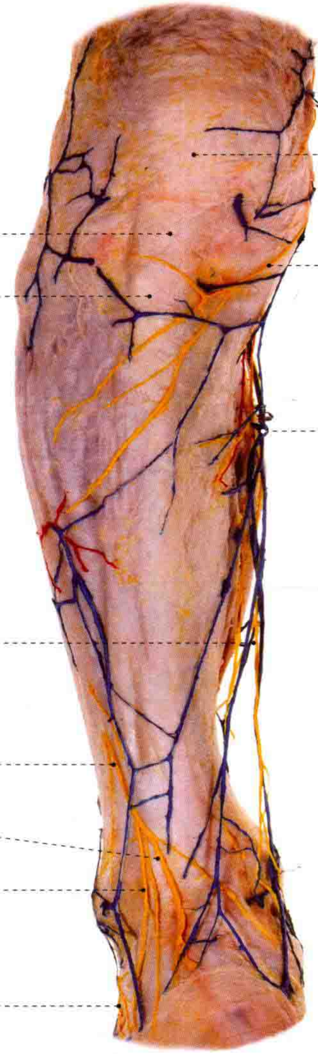


图 429　小腿前区血管和神经

Blood vessels and nerves of the anterior crural region



图 430　小腿后区血管和神经

Blood vessels and nerves of the posterior crural region

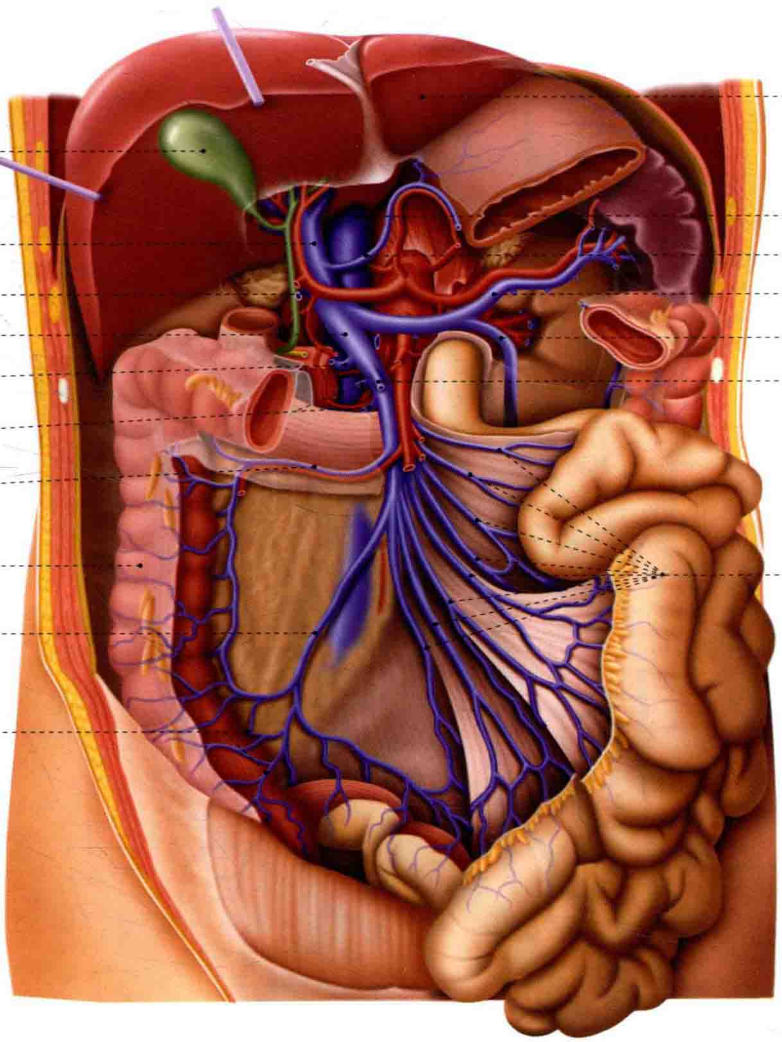


图 431 肠系膜上静脉及其属支

Superior mesenteric vein and its tributaries

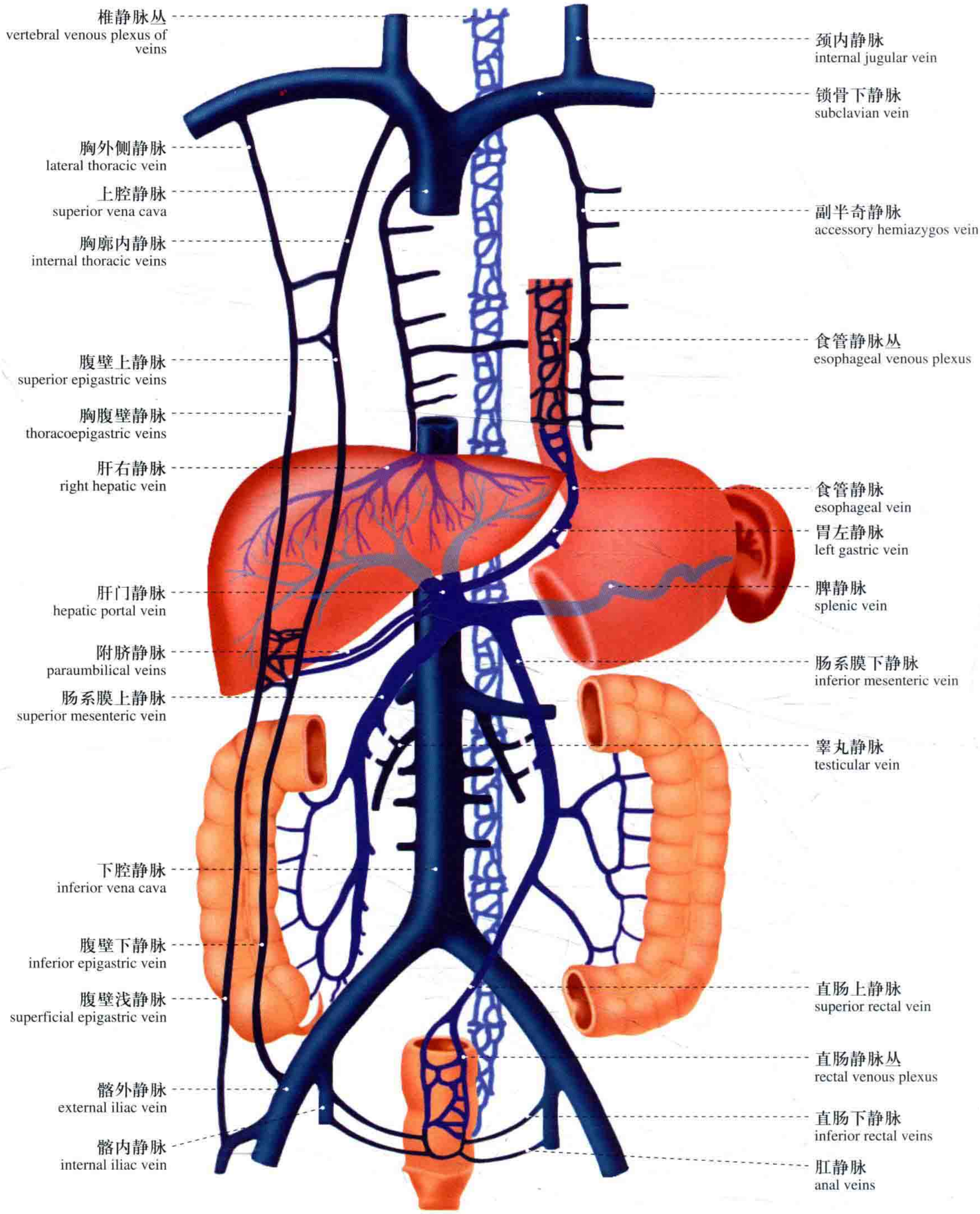


图 432　门腔静脉吻合（模式图）

Porta-caval venous communications (diagram)

第一节

总　论

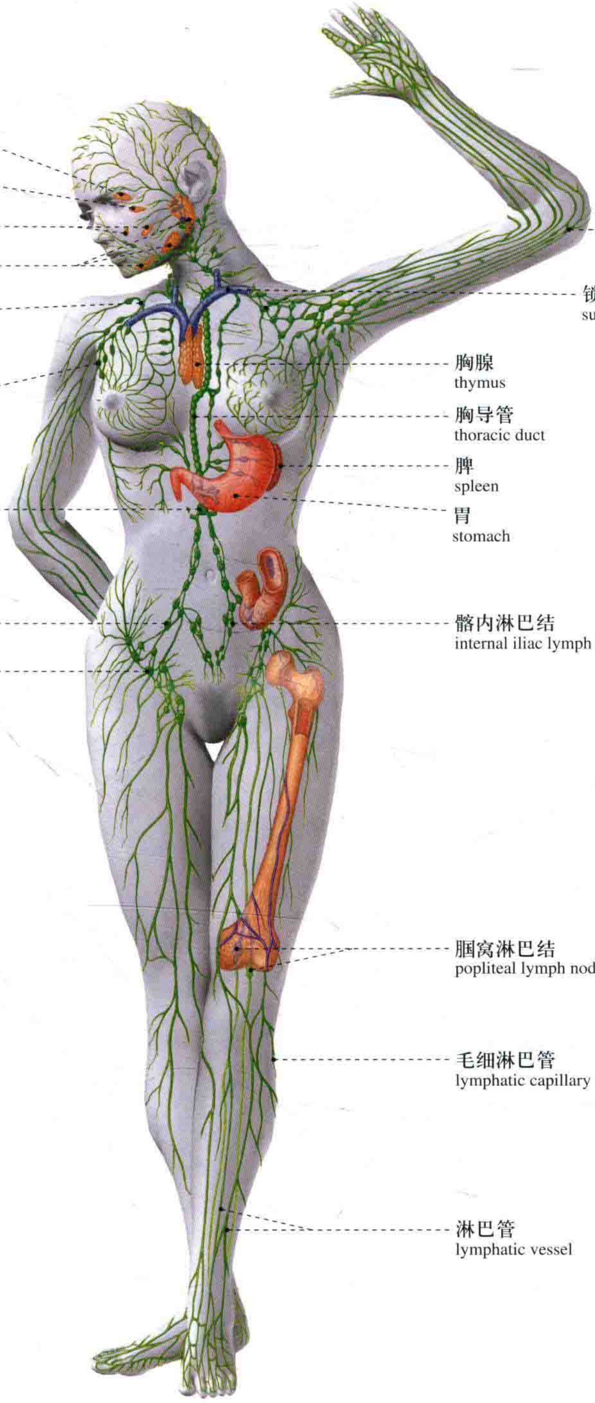


图 433　淋巴系统（模式图）

Lymph system (diagram)

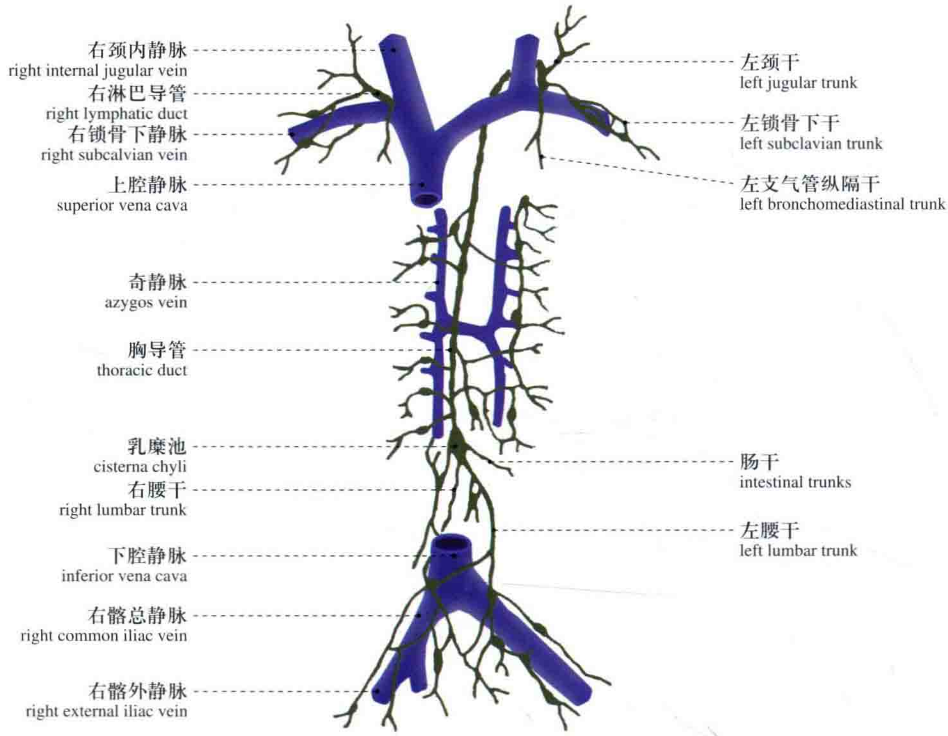


图 434 淋巴干及淋巴导管

Lymphatic trunks and lymphatic ducts

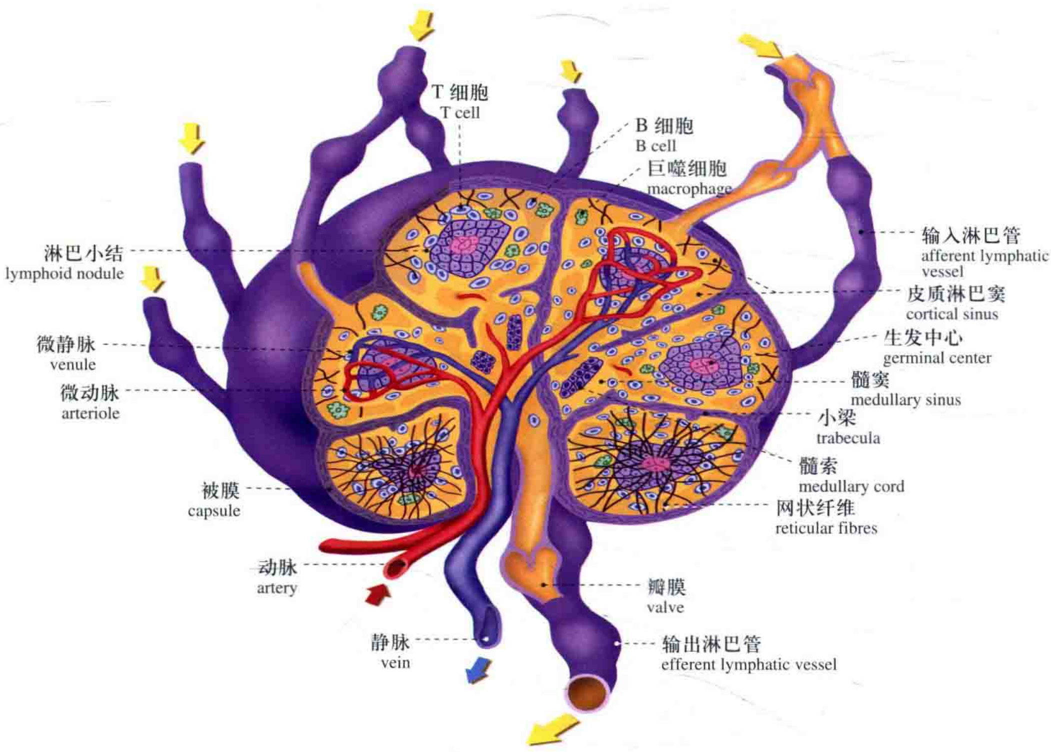


图 435 淋巴结构造模式图

Diagram of construction of the lymph node

第二节

淋巴的位置和淋巴引流范围

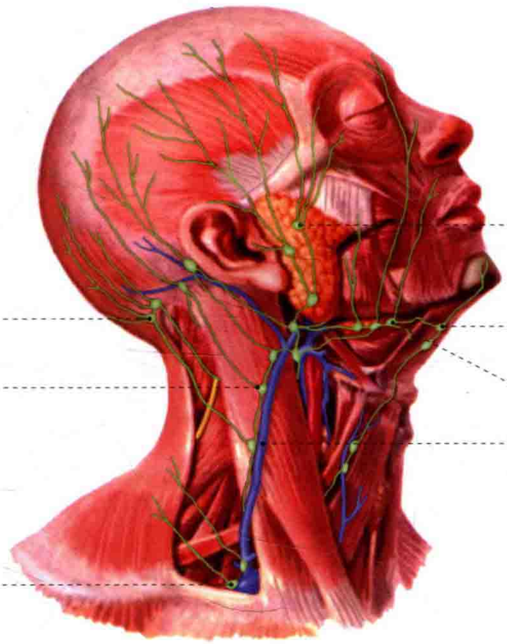


图 436 头颈部的淋巴管和淋巴结 1

Lymph vessels and the lymph nodes of the head and the neck 1

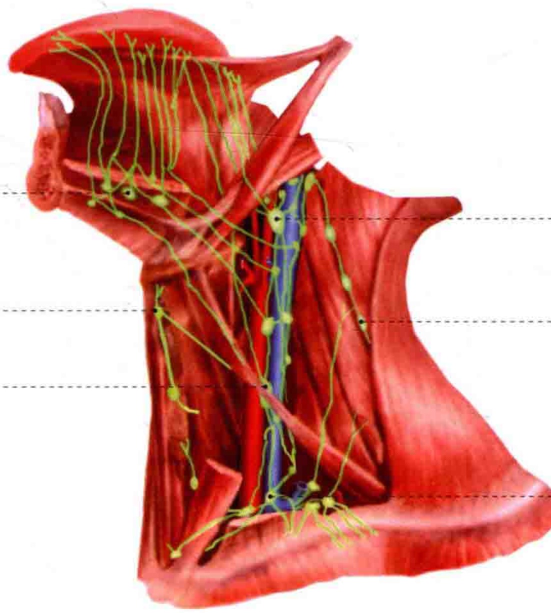


图 437 头颈部的淋巴管和淋巴结 2

Lymph vessels and the lymph nodes of the head and the neck 2

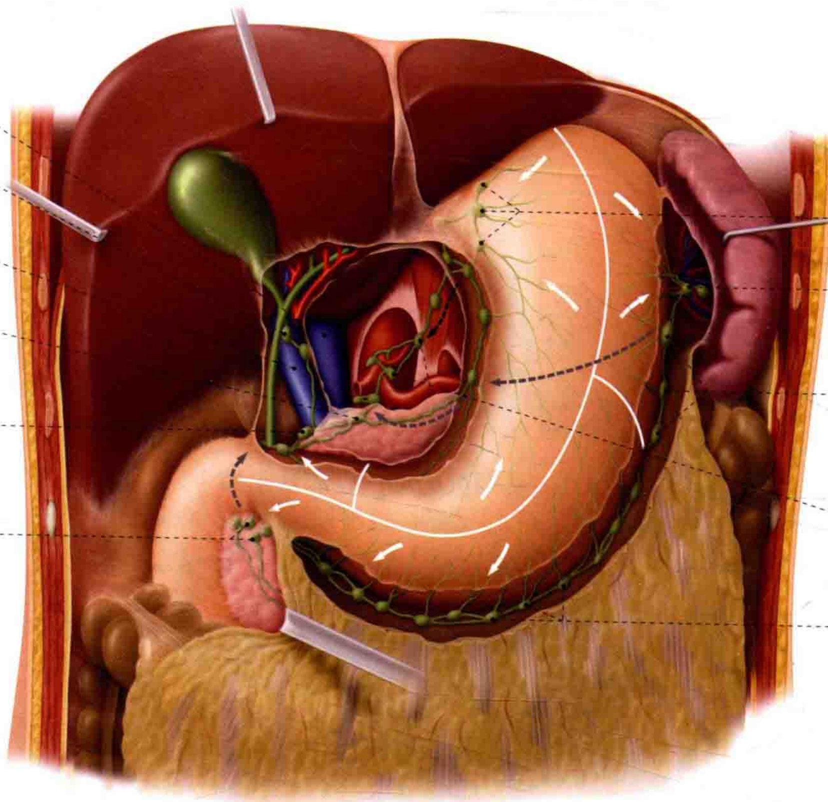


图 438　**胃的淋巴**

Gastric lymphs

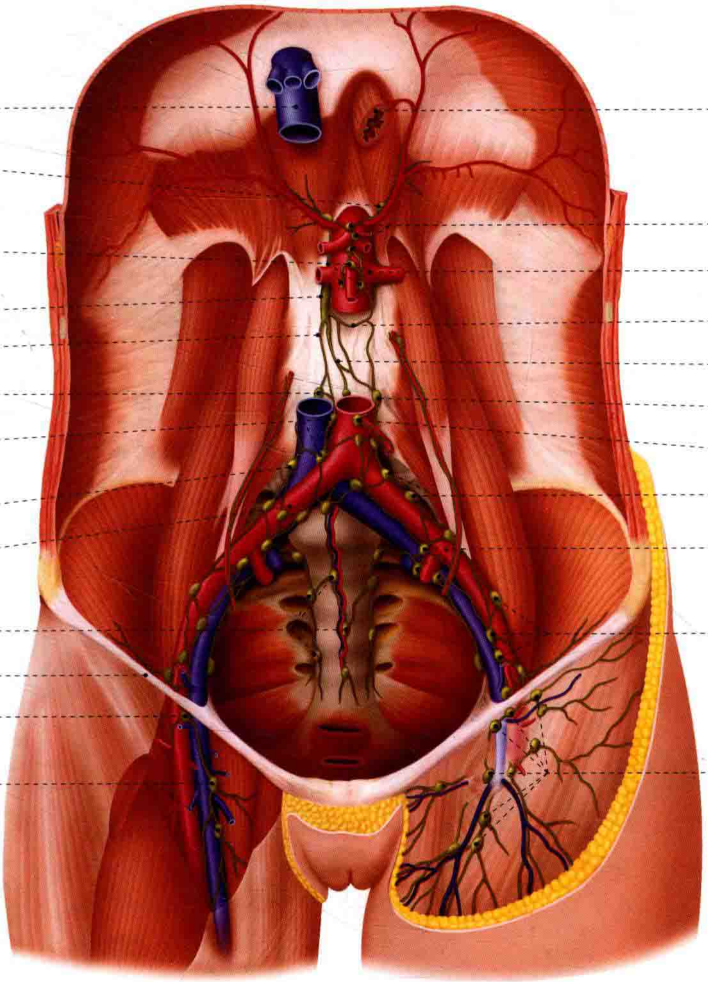


图 439 **盆部淋巴结**

Pelvic lymph nodes

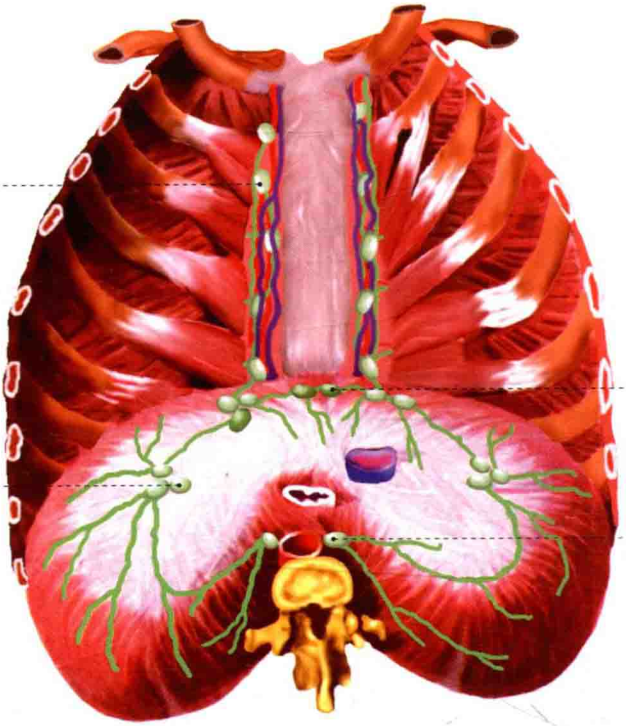


图 440 胸骨旁淋巴结和膈上淋巴结

Parasternal lymph nodes and superior phrenic lymph nodes

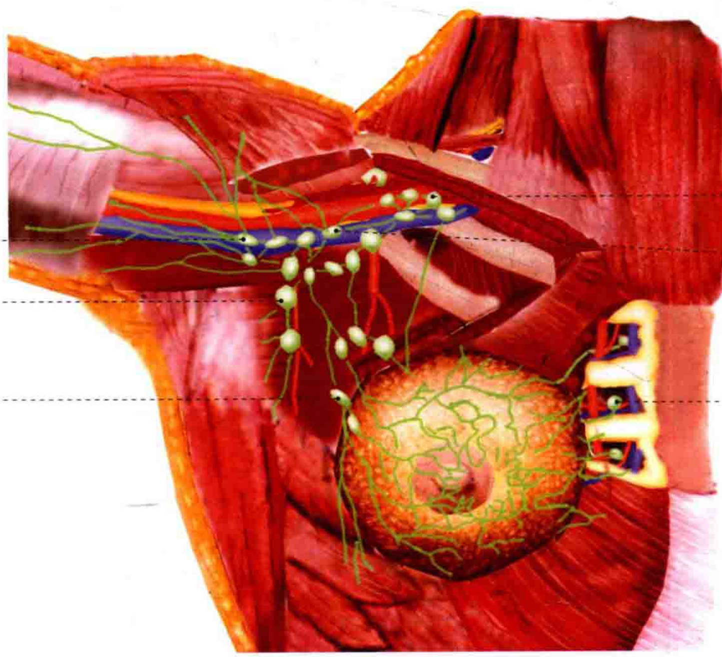


图 441 腋淋巴结和乳房淋巴管

Axillary lymph nodes and mamma lymph vessels

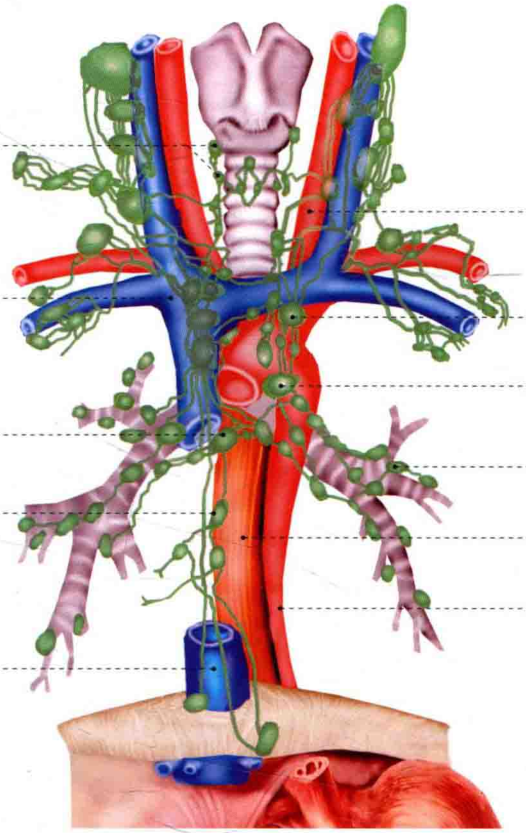


图 442 气管、支气管及肺的淋巴管和淋巴结

Lymph vessels and the lymph nodes of the trachea, the bronchi and the lungs

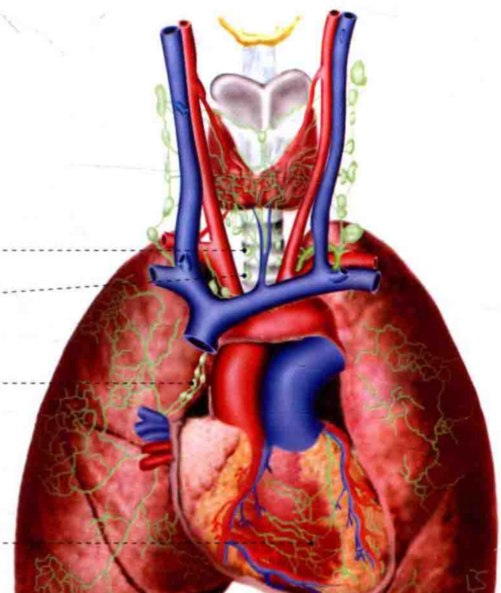


图 443 胸腔脏器的淋巴管和淋巴结

Lymph vessels and the lymph nodes of the thoracic viscerae

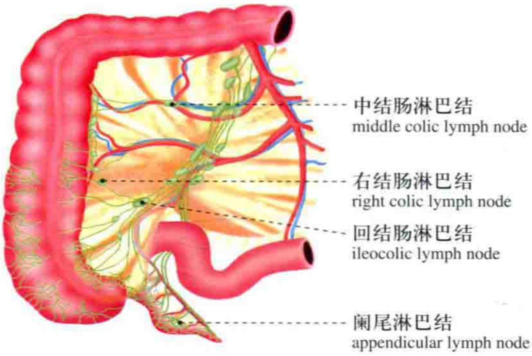


图 444　**大肠的淋巴管和淋巴结 1**
Lymph vessels and the lymph nodes of the large intestine 1

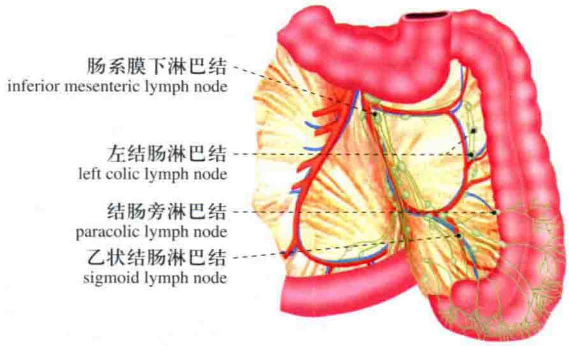


图 445　**大肠的淋巴管和淋巴结 2**
Lymph vessels and the lymph nodes of the large intestine 2

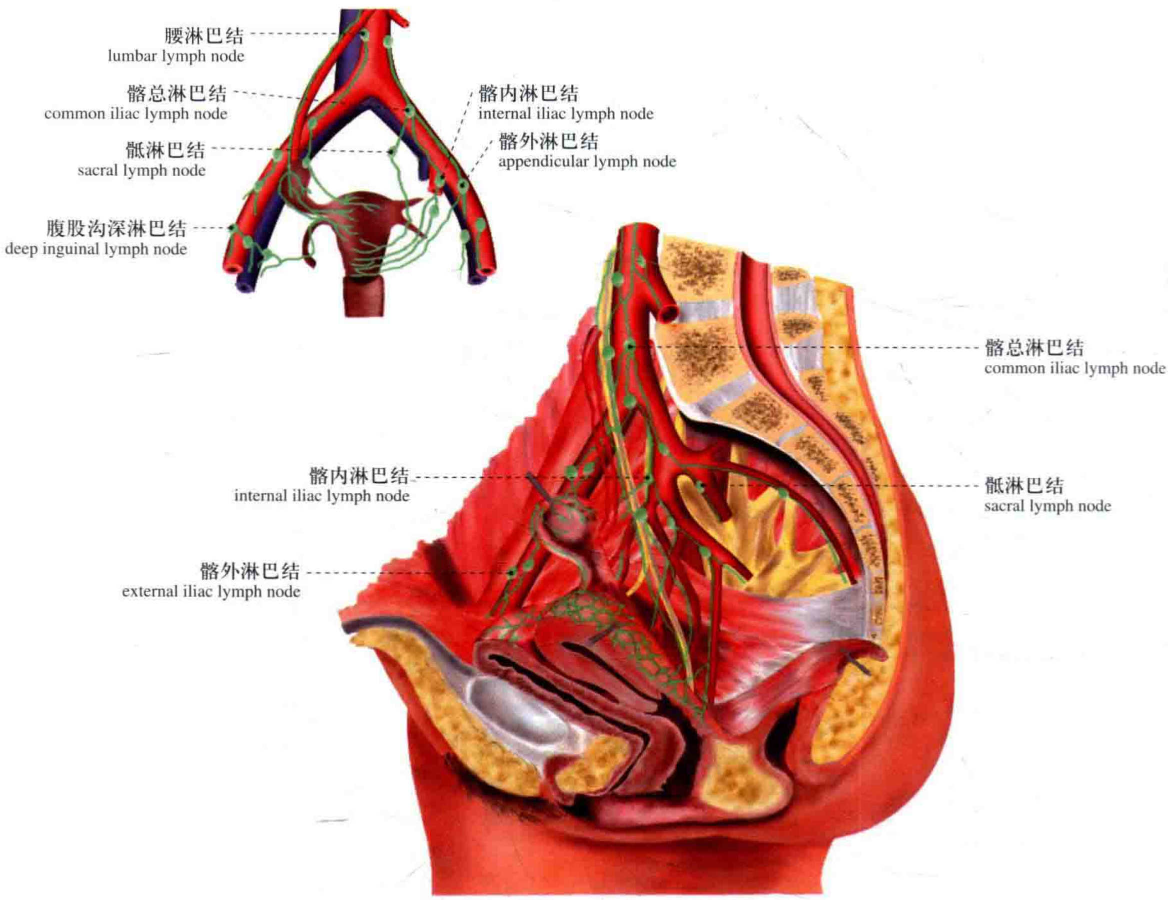


图 446　**女性盆部淋巴结**
Lymph nodes of the female pelvis

第三节

脾

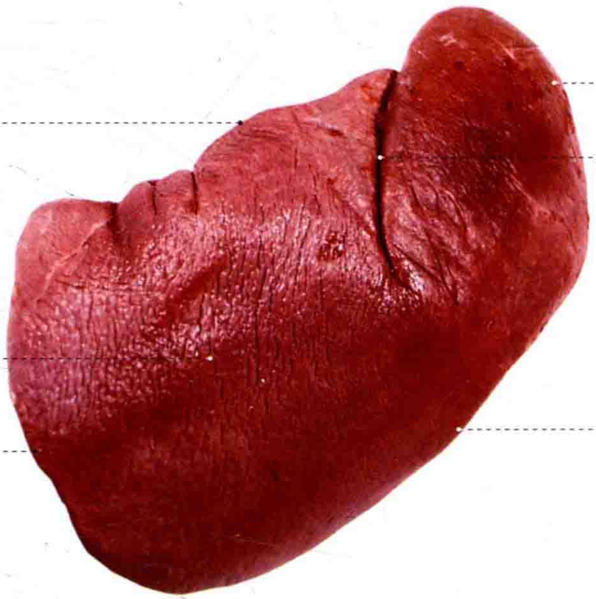


图 447 脾（膈面观）
Spleen (diaphragmatic aspect)

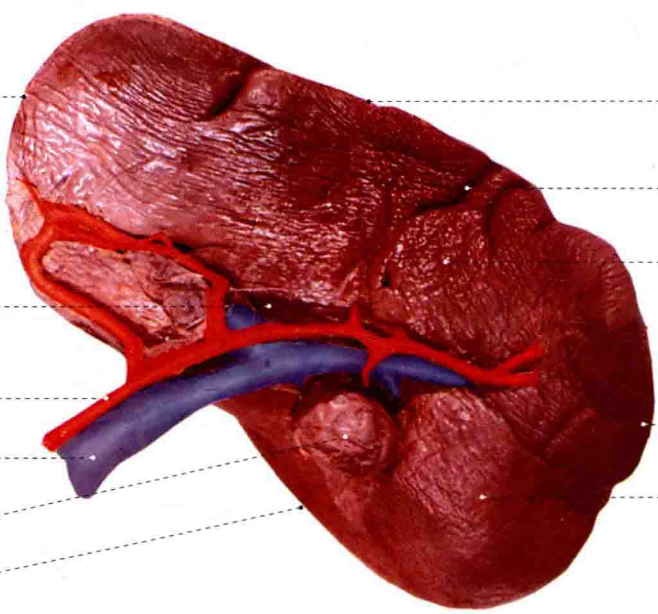


图 448 脾（脏面观）
Spleen (visceral aspect)

第一节

眼 球

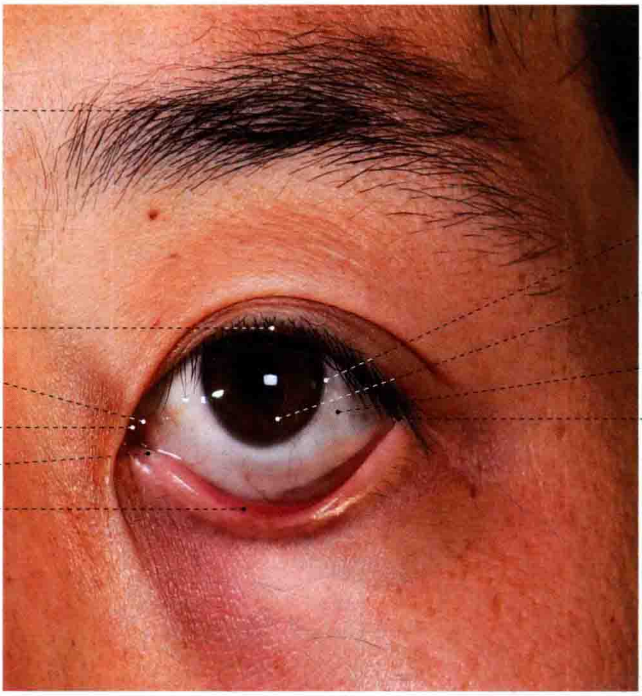


图 449 **左眼（前面观）**
Left eye (anterior aspect)

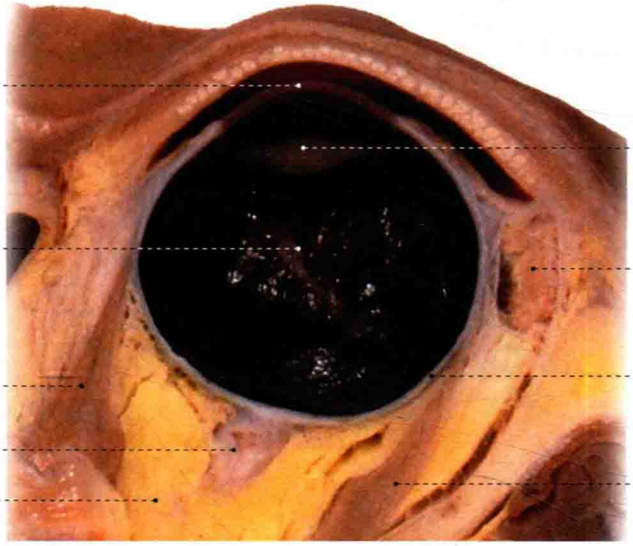


图 450 **眼水平断面**
Horizontal section of the eye

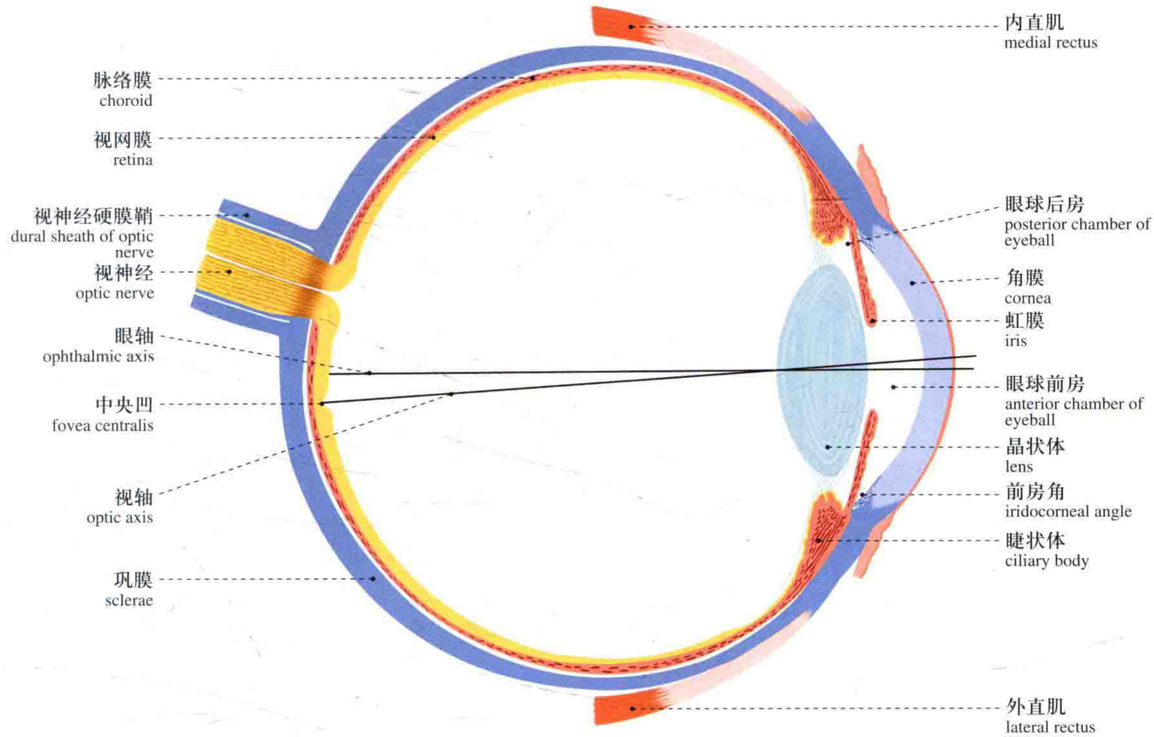


图 451　眼球水平切面（模式图）

Horizontal section through the eyeball (diagram)

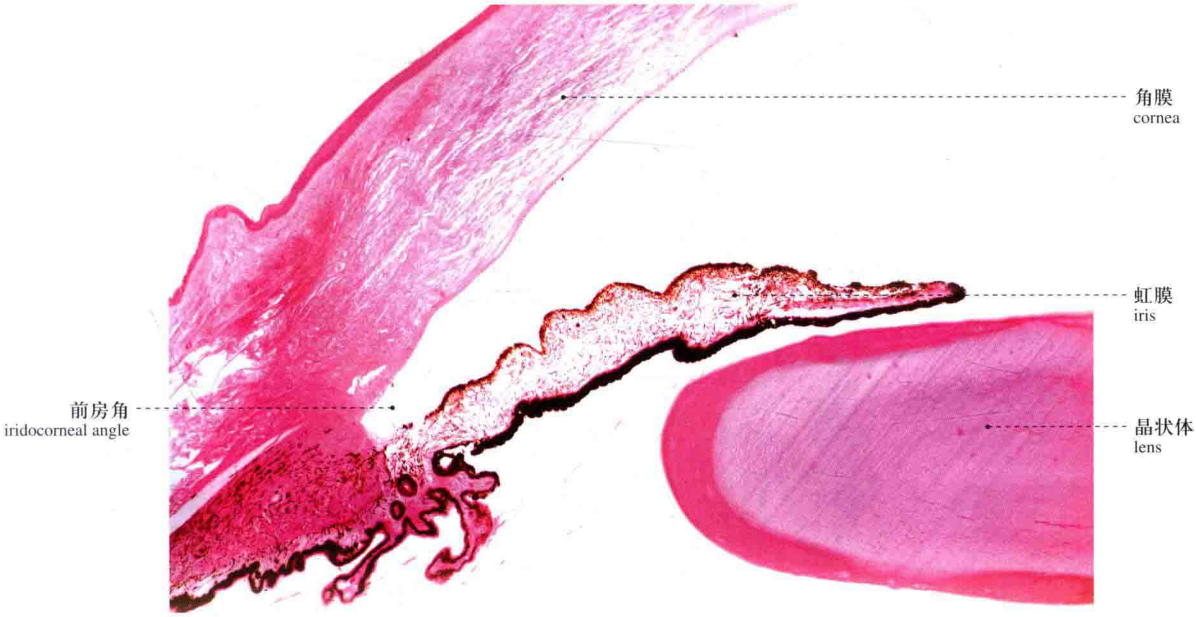


图 452　眼球前部（人眼球，HE 染色，×40）

Anterior portion of the eyeball (human eyeball, HE staining, ×40)

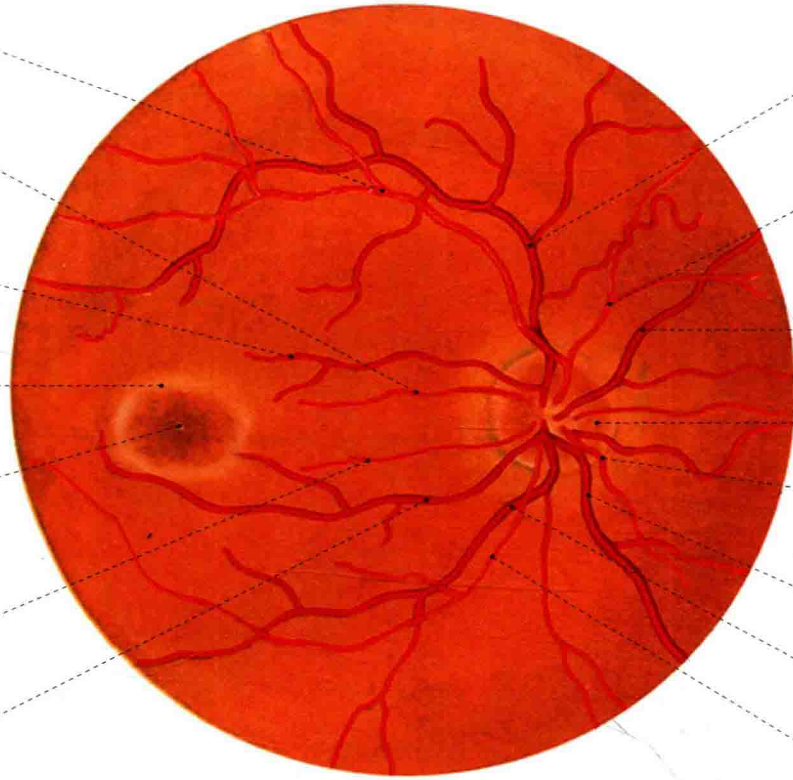


图 453　右侧眼底镜图

Right ophthalmoscopic image of the fundus of the eyeball

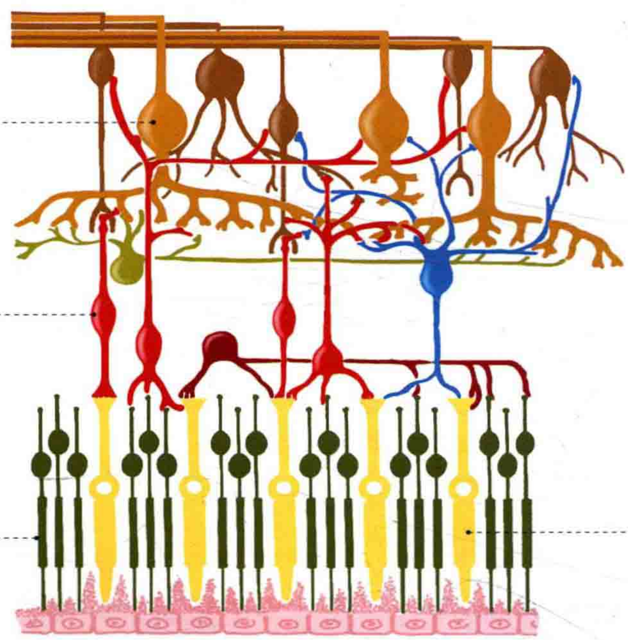


图 454　视网膜的神经细胞

Nerve cells of the retina

第二节

眼副器

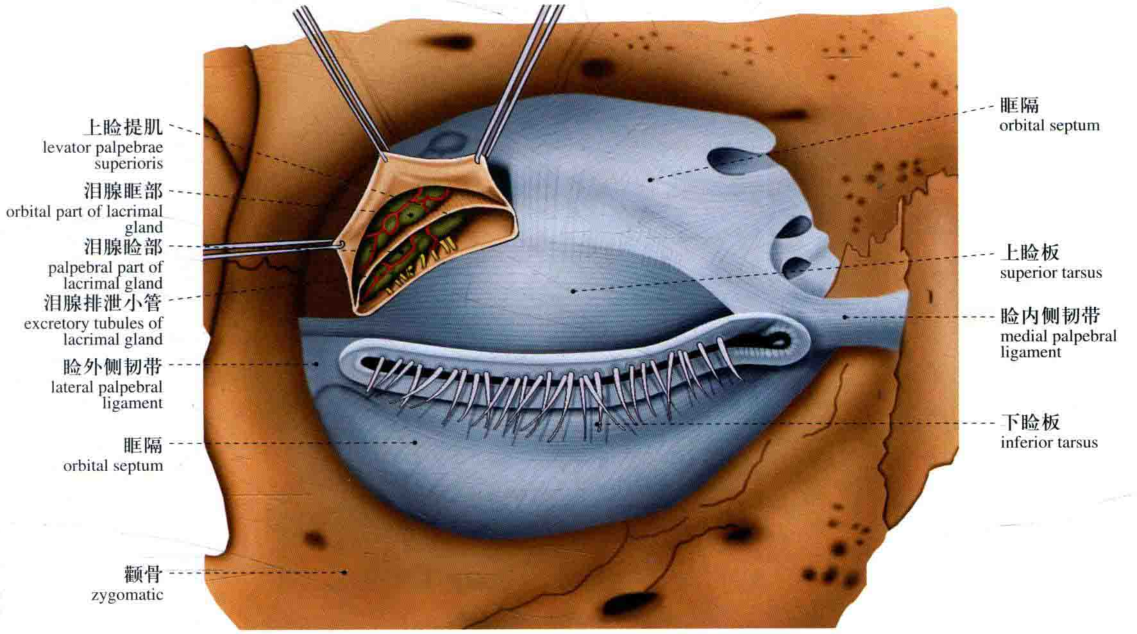


图 455　泪腺（前面观）
Lacrimal gland (anterior aspect)

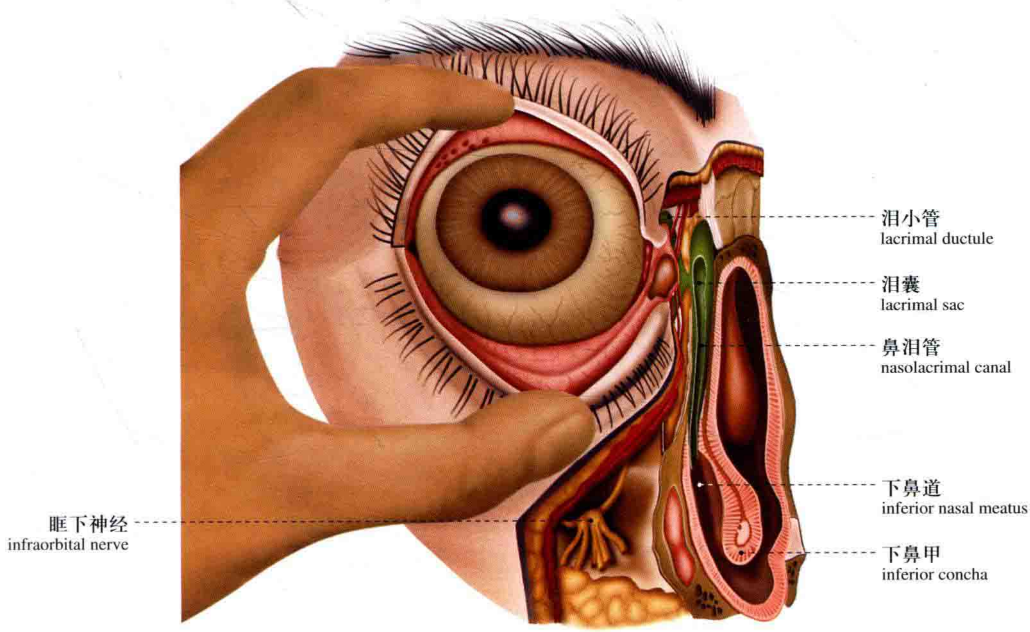


图 456　泪器（前面观）
Lacrimal apparatus (anterior aspect)

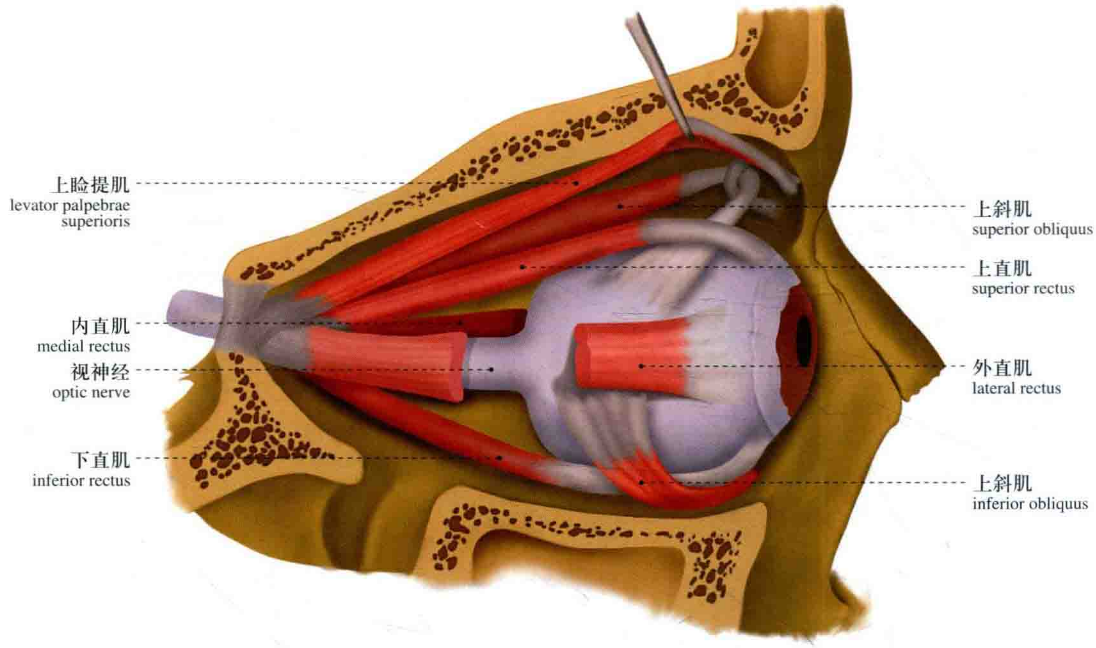


图 457 **眼球外肌（外侧面观）**
Ocular muscles (lateral aspect)

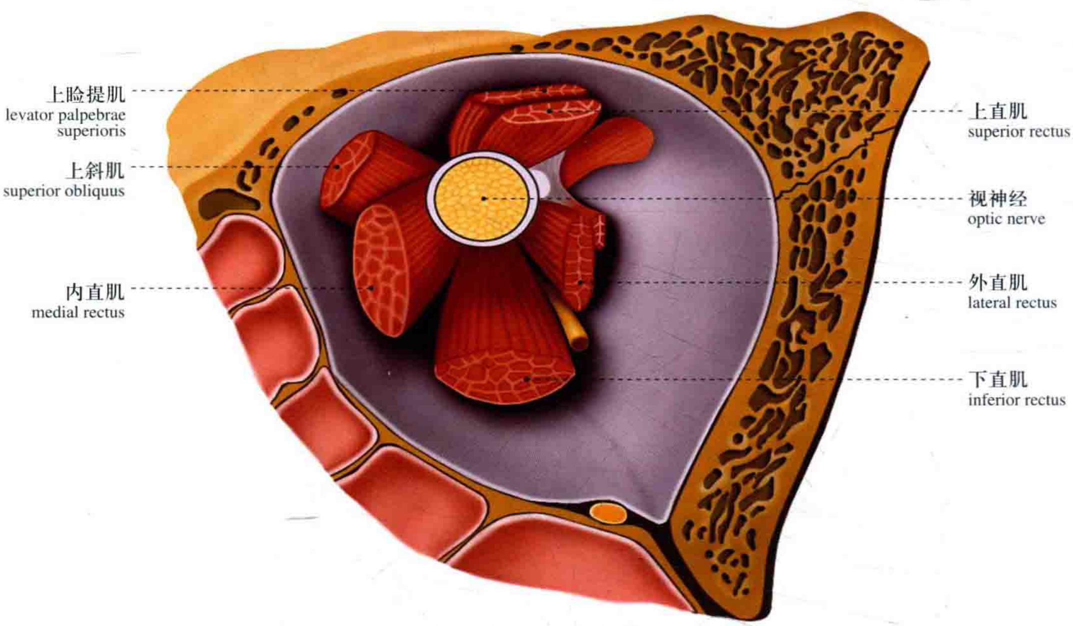


图 458 **眼球外肌（前面观）**
Ocular muscles (anterior aspect)

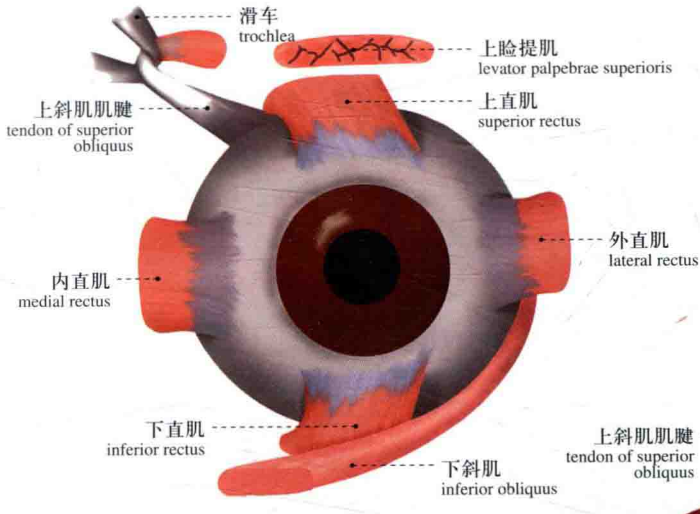


图 459　**眼球外肌（左眼前面观）**

Ocular muscles (anterior aspect of left eye)

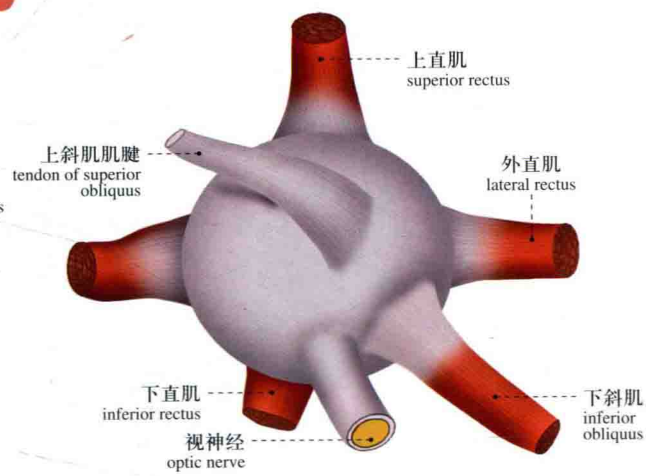


图 461　**眼球外肌（右眼后上面观）**

Ocular muscles (postersuperior aspect of right eye)

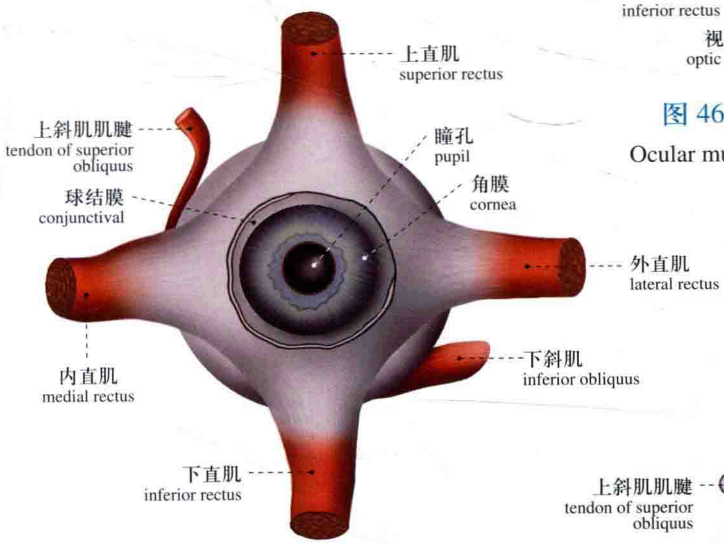


图 460　**眼球外肌（右眼前面观）**

Ocular muscles (anterior aspect of right eye)

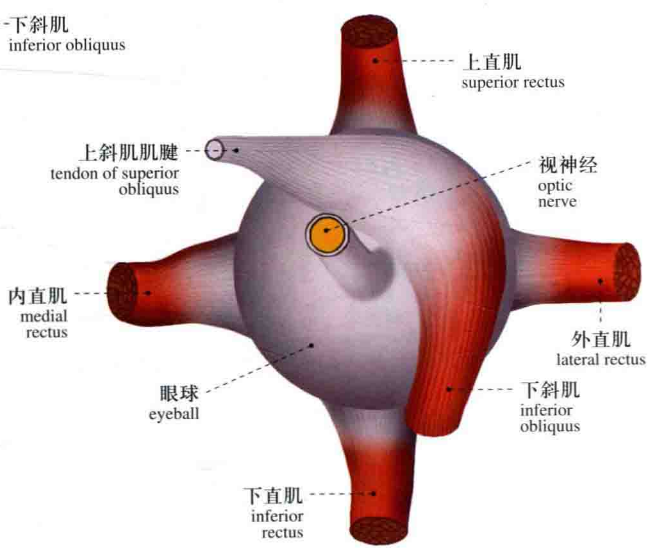


图 462　**眼球外肌（右眼后面观）**

Ocular muscles (posterior aspect of right eye)

第三节

眼的血管和神经

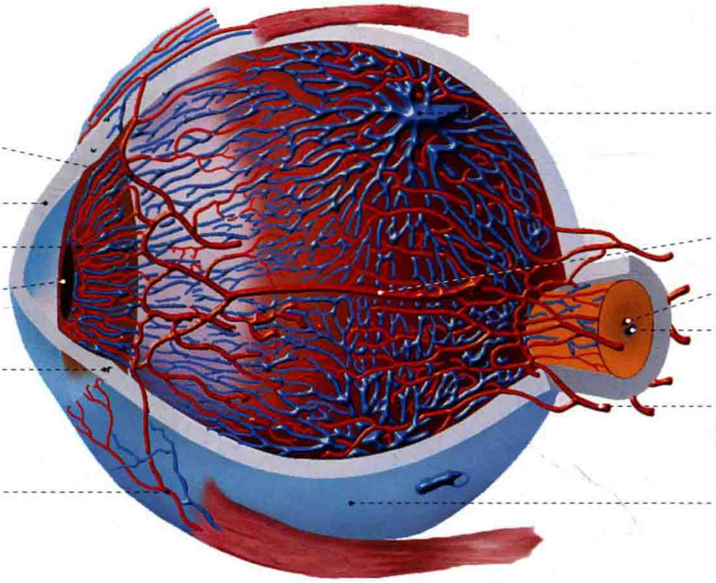


图 463 眼球血管分布

Distribution of the blood vessels of the eyeball

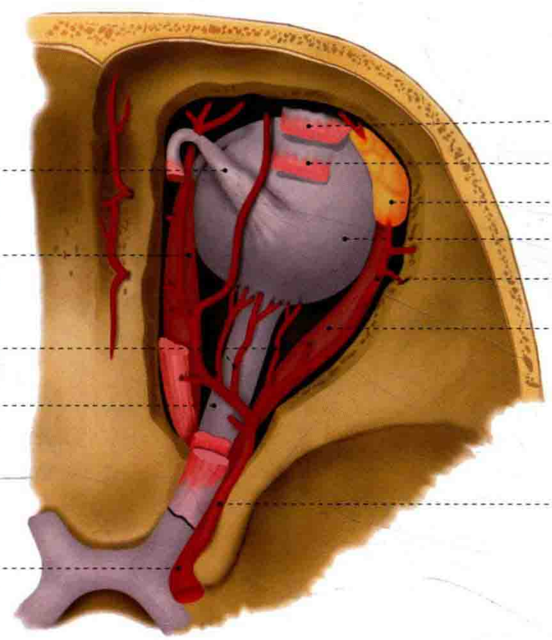


图 464 右侧眶动脉（上面观）

Right orbital arteries (superior aspect)

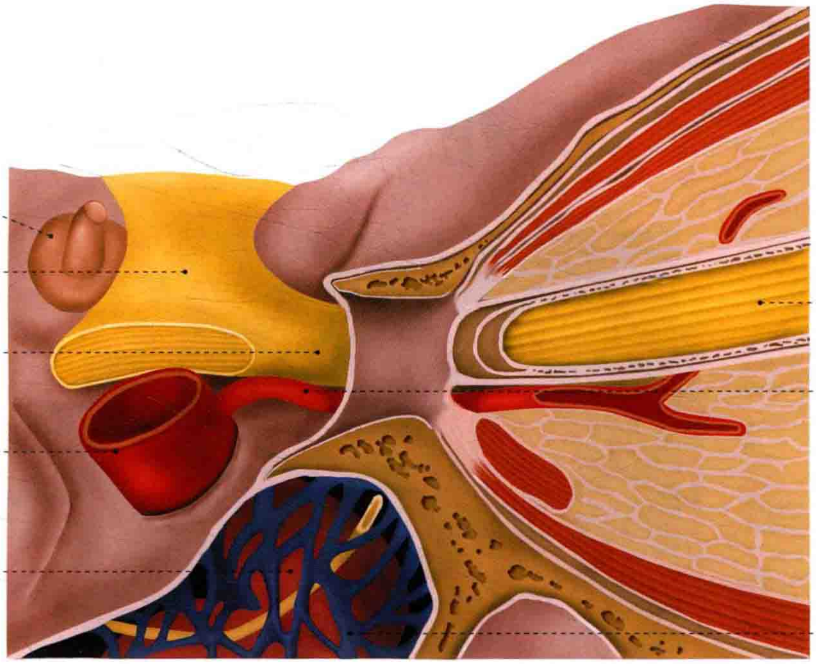


图 465 视神经和眼动脉

Optic nerve and ophthalmic artery

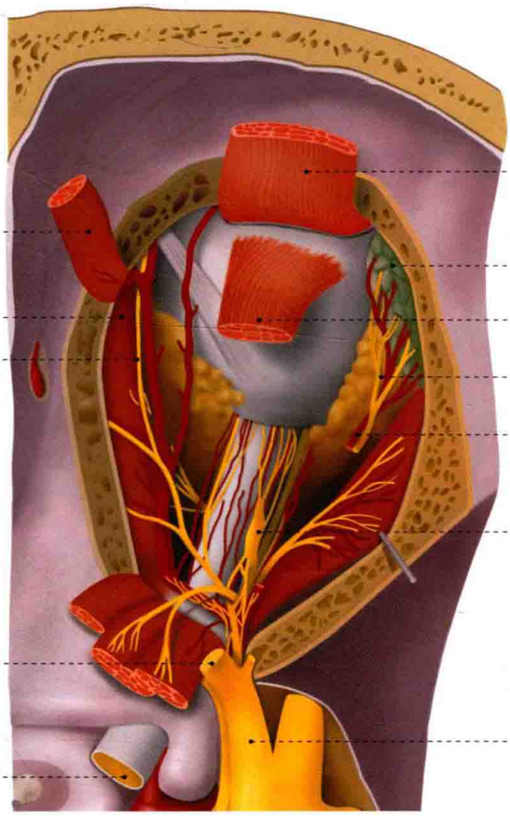


图 466 右侧眶动脉和神经（上面观）

Right orbital arteries and nerves (superior aspect)

第一节

外　耳



图 467　**外耳**

External ear

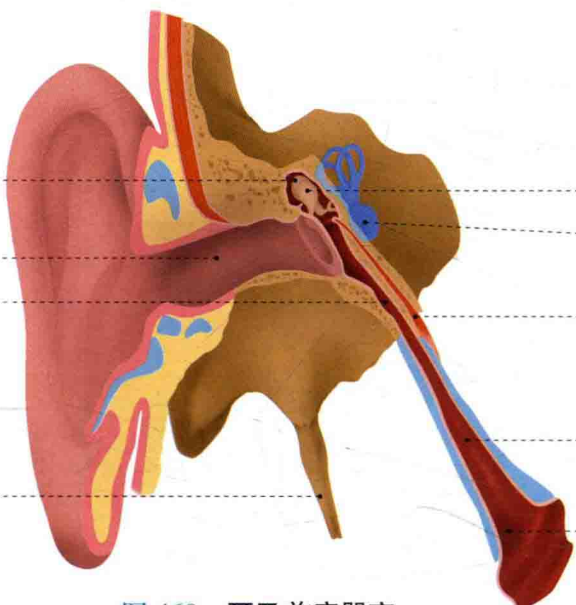


图 468　**耳及前庭器官**

Auditory and vestibular organs

第二节

中　耳

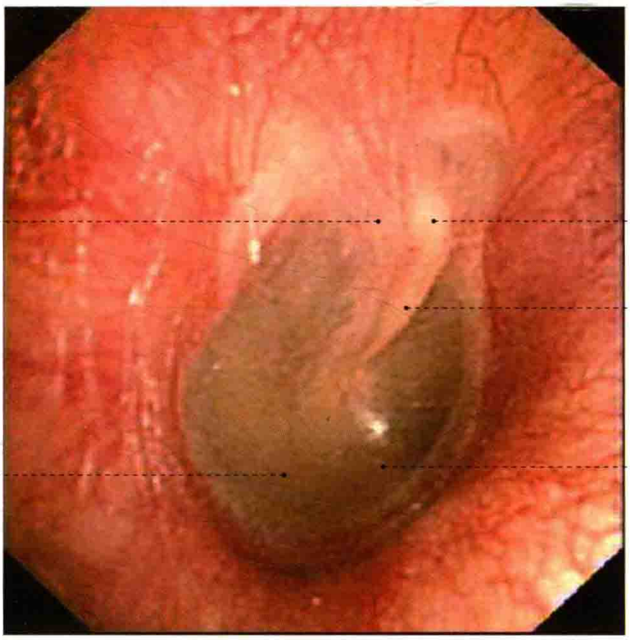


图 469　右侧鼓膜
Right tympanic membrane

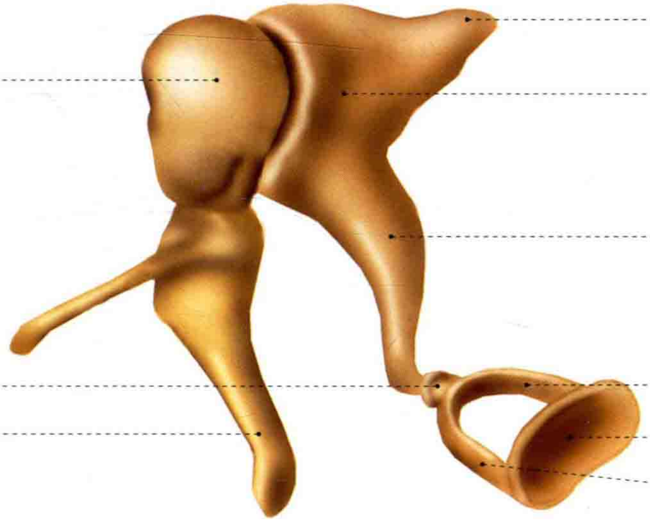


图 470　听骨链
Chain of the auditory ossicles

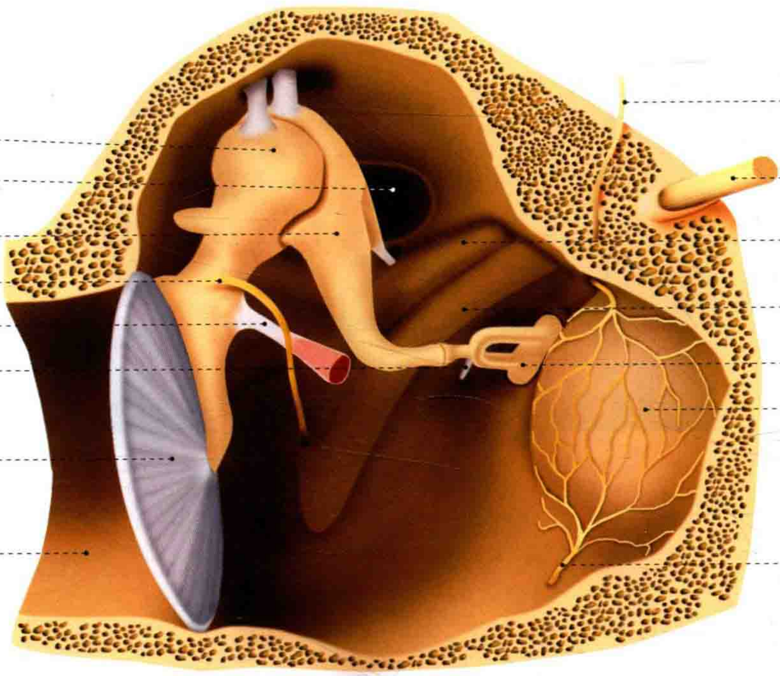


图 471　**鼓室壁**

Walls of the tympanic cavity

第三节

内　耳

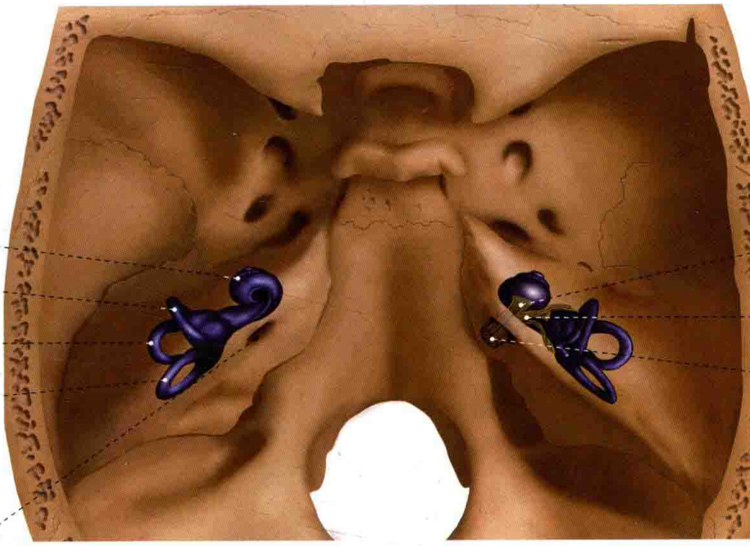


图 472　内耳和前庭蜗神经

Internal ear and the vestibulocochlear nerve

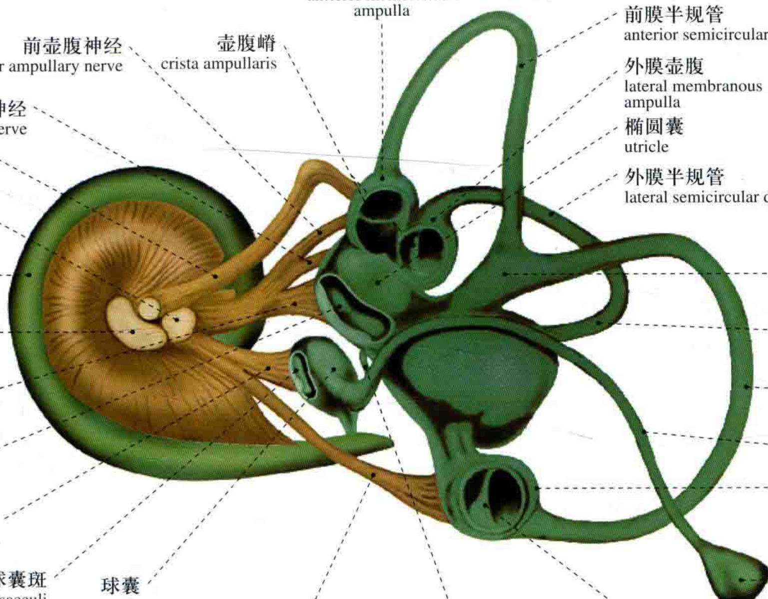


图 473　膜迷路

Membranous labyrinth



图 474 **耳蜗切面**

Section of the cochlea

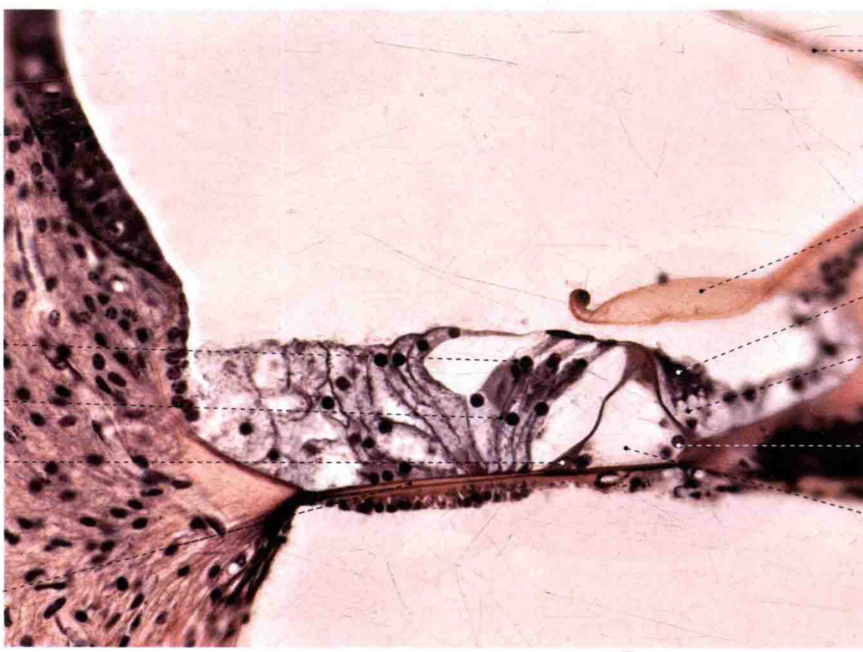


图 475 **螺旋器（豚鼠内耳，镀银，×400）**

Spiral organ (inner ear of the guinea pig, silver staining, ×400)

第一节

全身神经

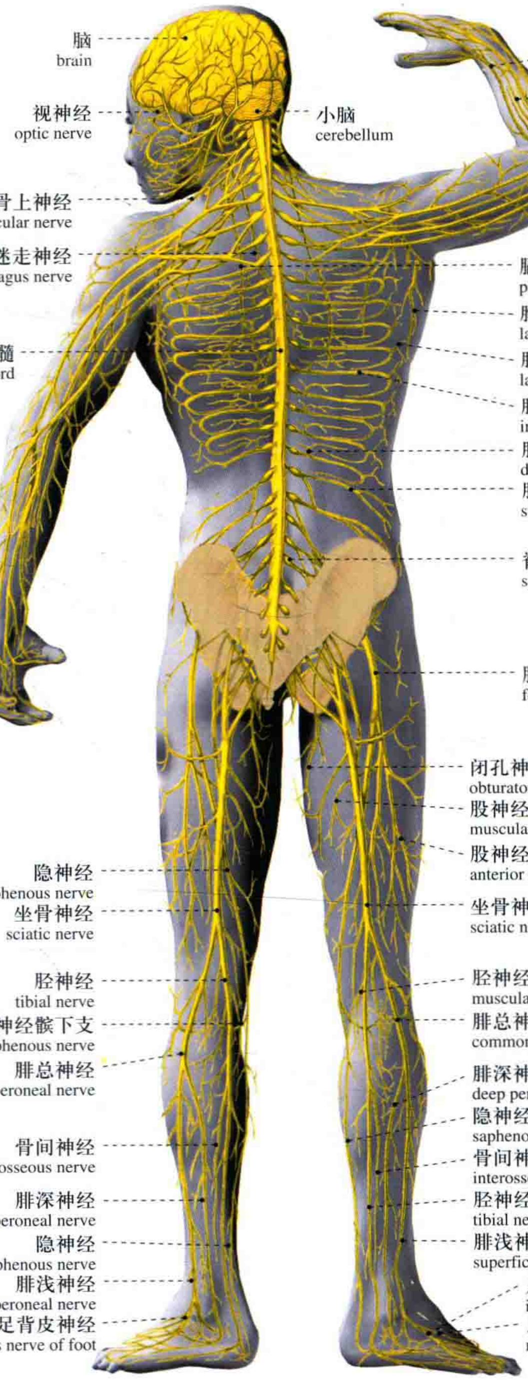


图 476 神经系统（模式图）

Nervous system (diagram)

第二节

神经元结构

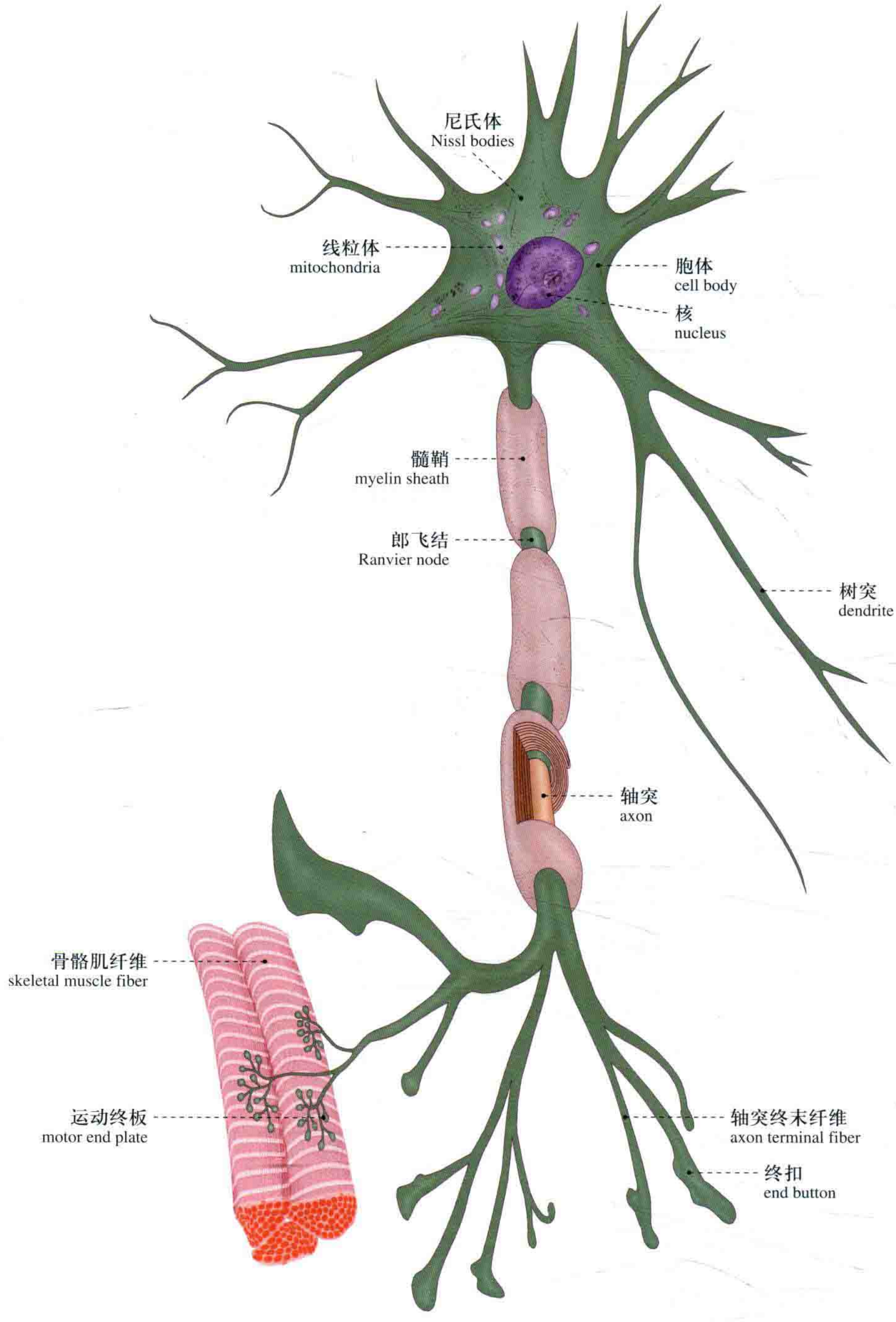


图 477　**神经元的结构（模式图）**
Neurons structure (diagram)

第一节

脊 髓

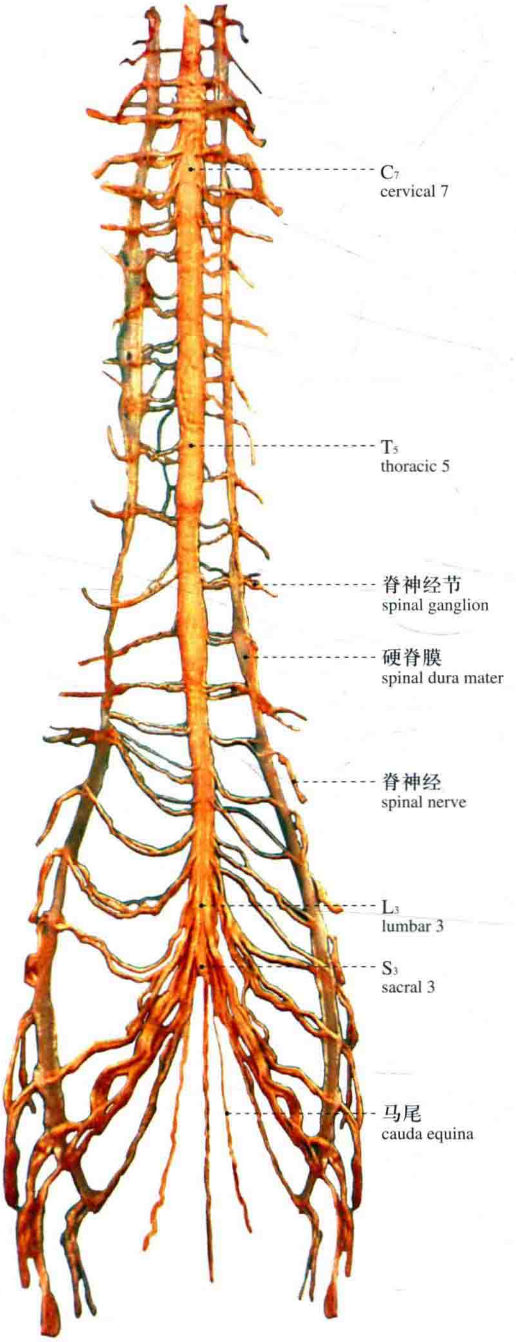


图 478 脊髓的外形和被膜
External morphology of the spinal cord and the meninges

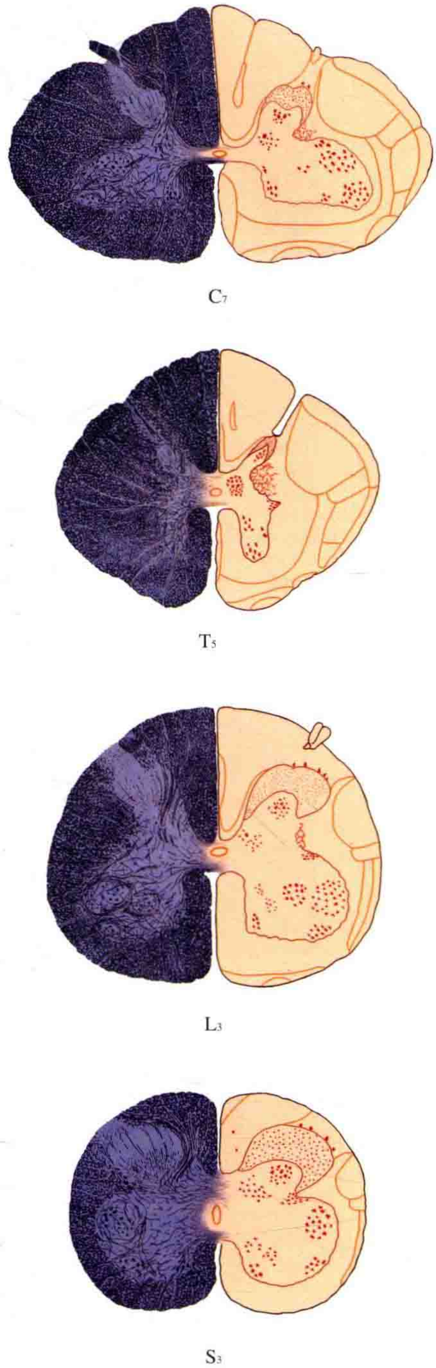


图 479 脊髓（横切面）
Spinal cord (transverse section)

第二节

脑

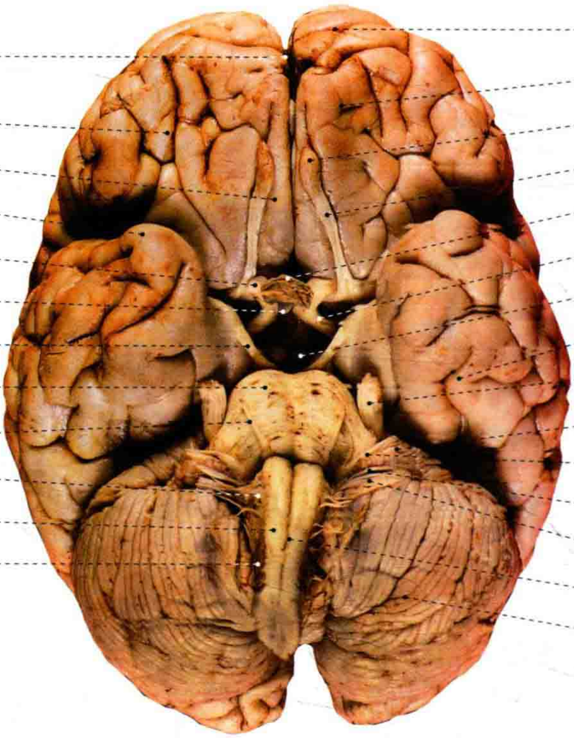


图 480 大脑（下面观）
Cerebrum (inferior aspect)

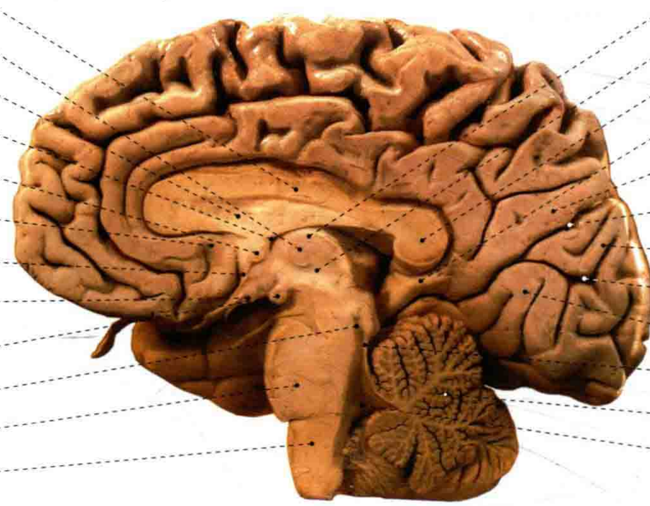


图 481 大脑（正中矢状面）
Cerebrum (midsagittal section)

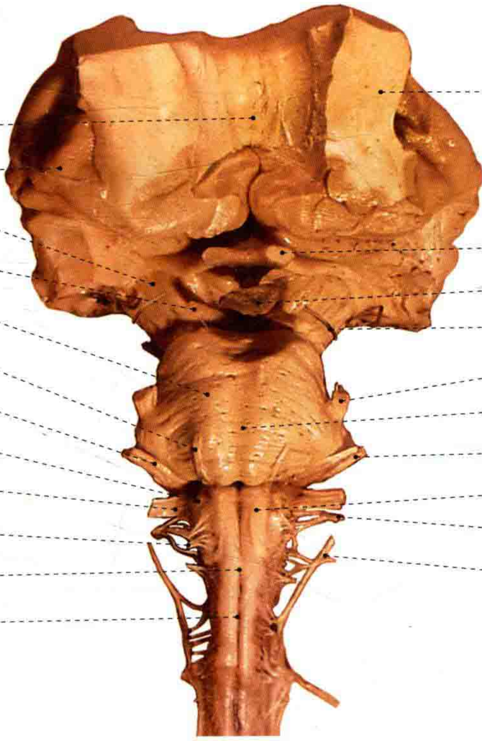


图 482　脑干（腹面观）
Brain stem (ventral aspect)

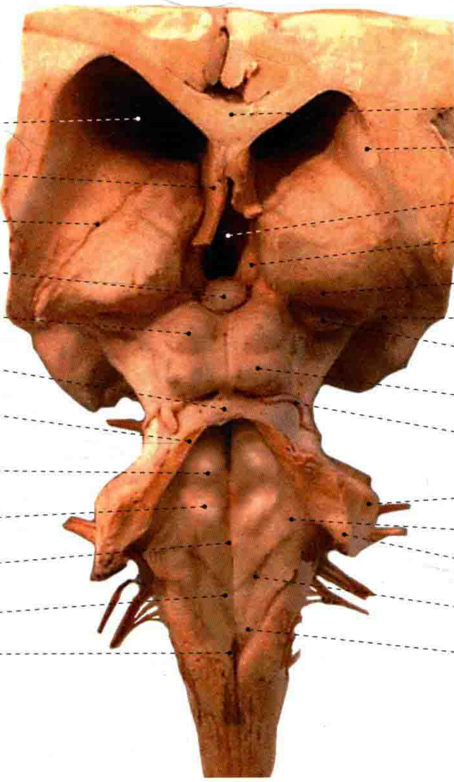


图 483　脑干（背面观）
Brain stem (dorsal aspect)

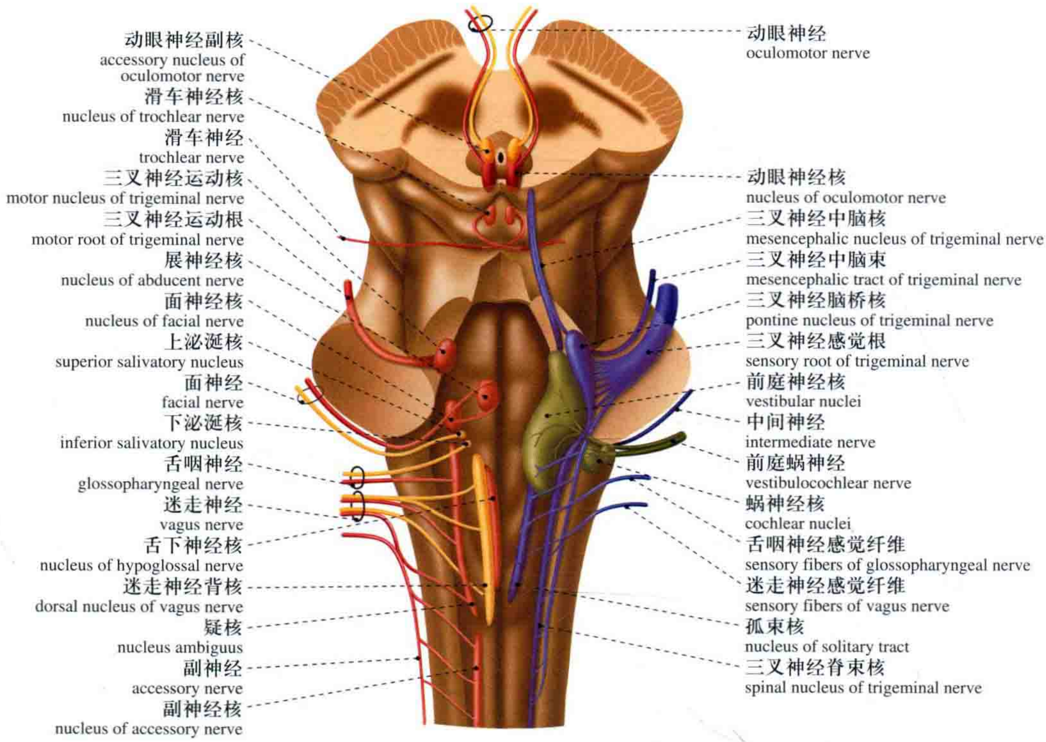


图 484　脑神经核模式图（背面观）
Diagram of the nuclei of the cranial nerves (dorsal aspect)

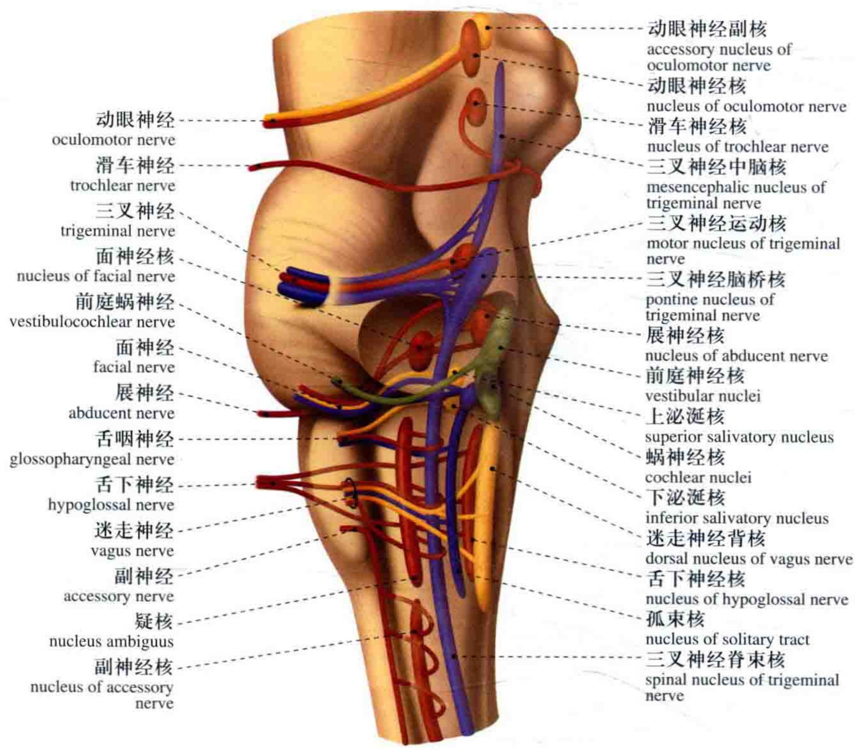


图 485　脑神经核模式图（外侧面观）
Diagram of the nuclei of the cranial nerves (lateral aspect)

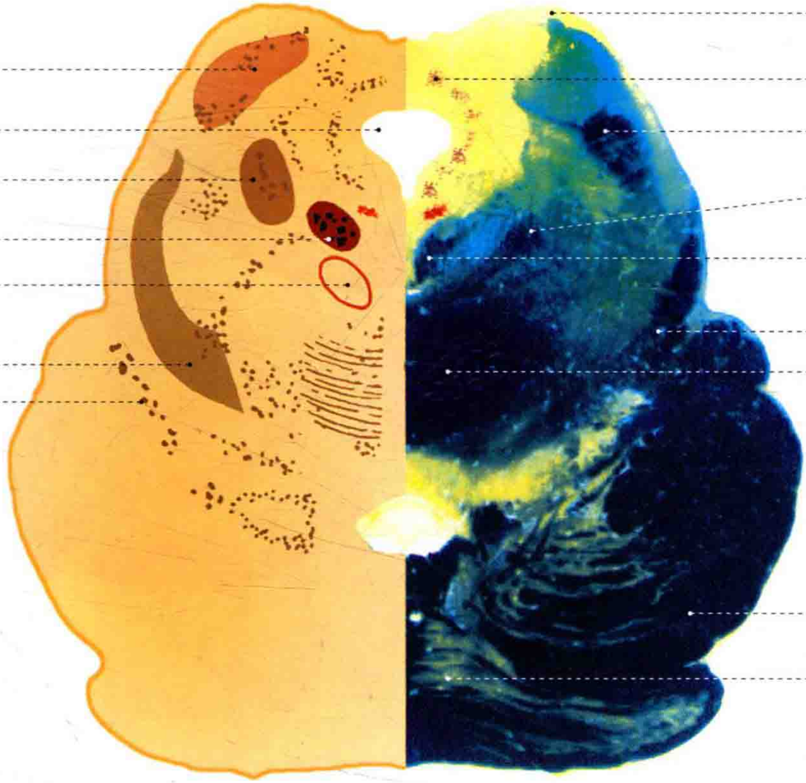


图 486　**中脑横切面（经下丘）**

Transverse section of the midbrain (through the inferior colliculus)

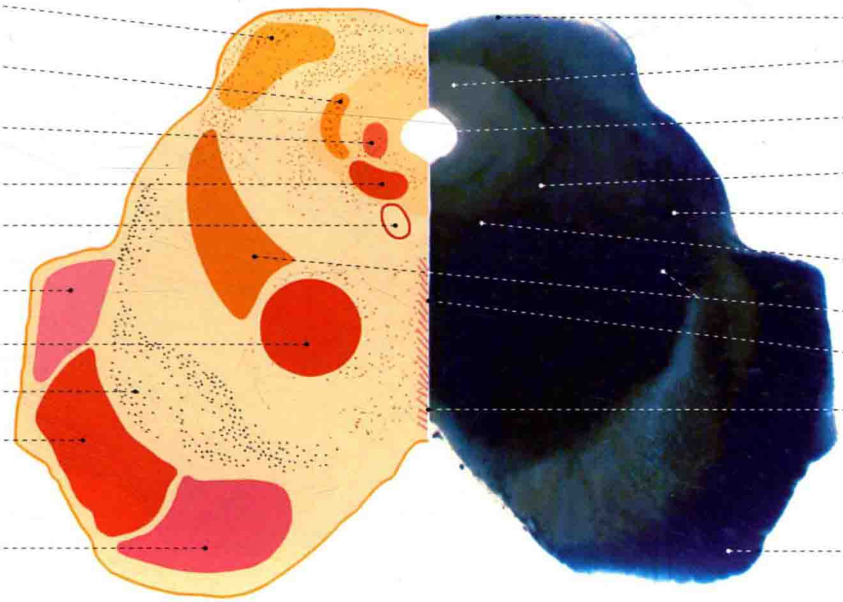


图 487　**中脑横切面（经上丘）**

Transverse section of the midbrain (through the superior colliculus)

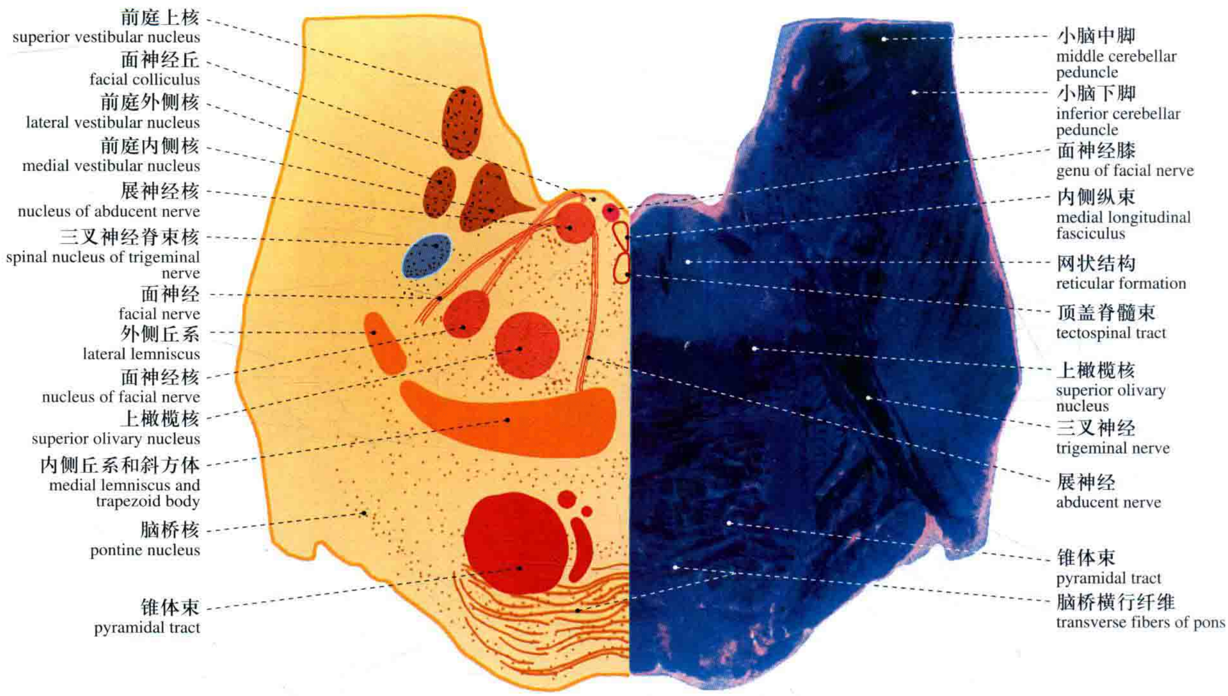


图 488　**脑桥横切面（经面丘）**

Transverse section of the pons (through the facial colliculus)

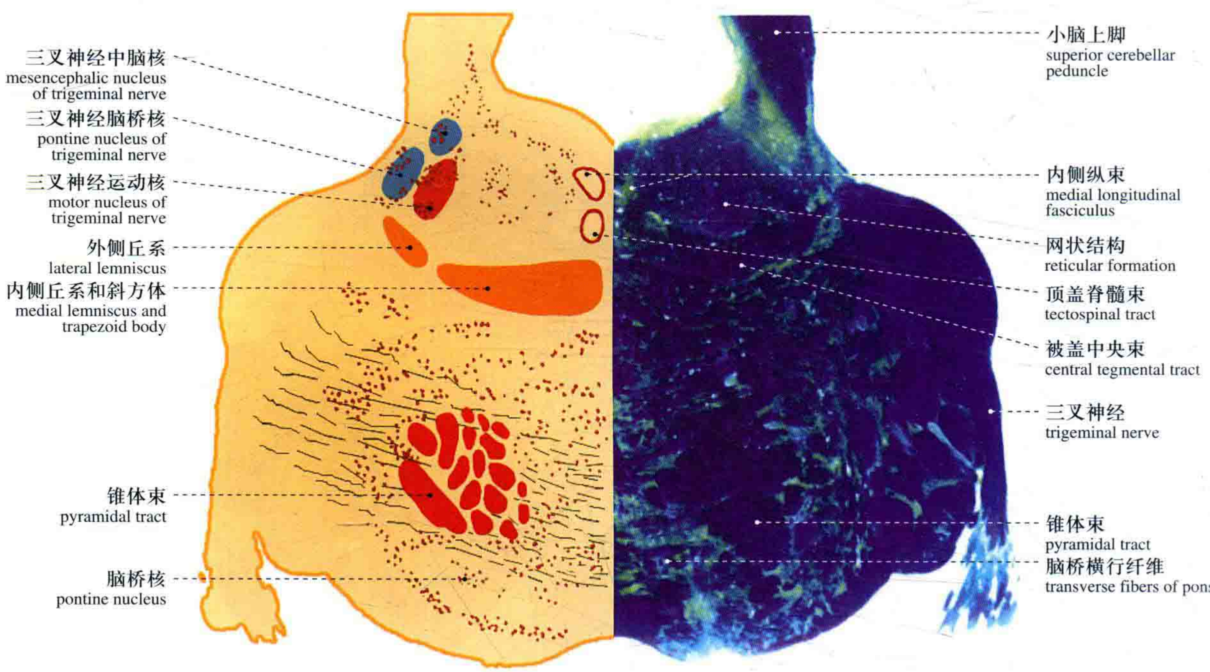


图 489　**脑桥中部横切面**

Transverse section of the middle part of the pons

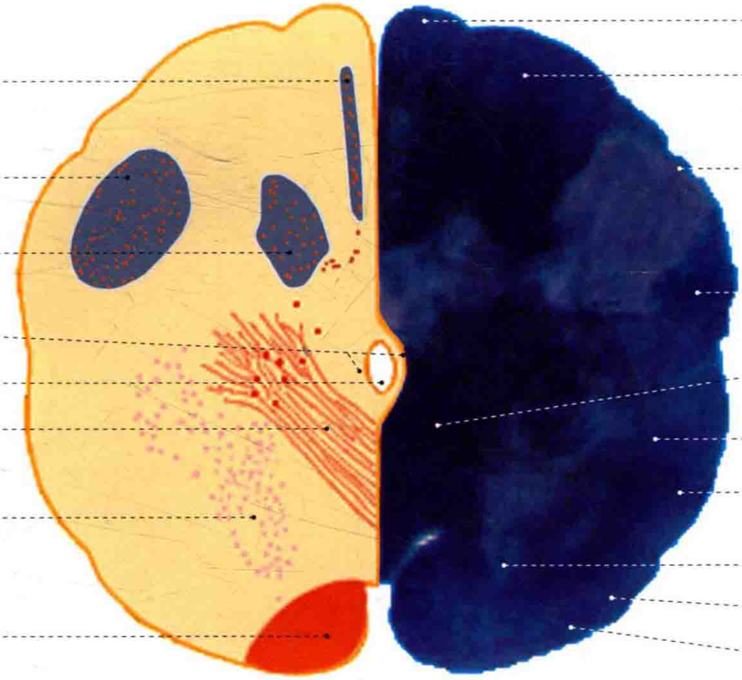


图 490 延髓横切面（经锥体交叉）
Transverse section of the medulla oblongata (through the pyramidal decussation)

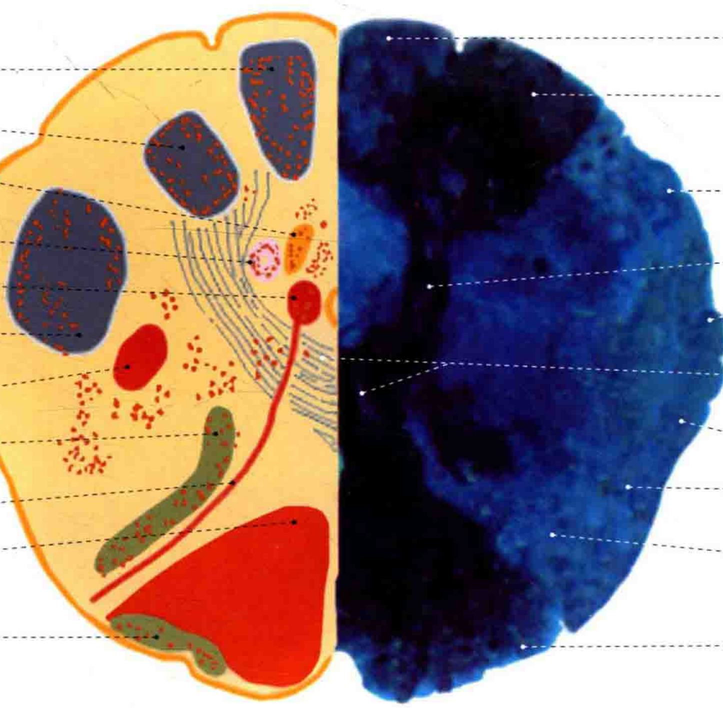


图 491 延髓横切面（经内侧丘系交叉）
Transverse section of the medulla oblongata (through the decussation of the medial lemniscus)

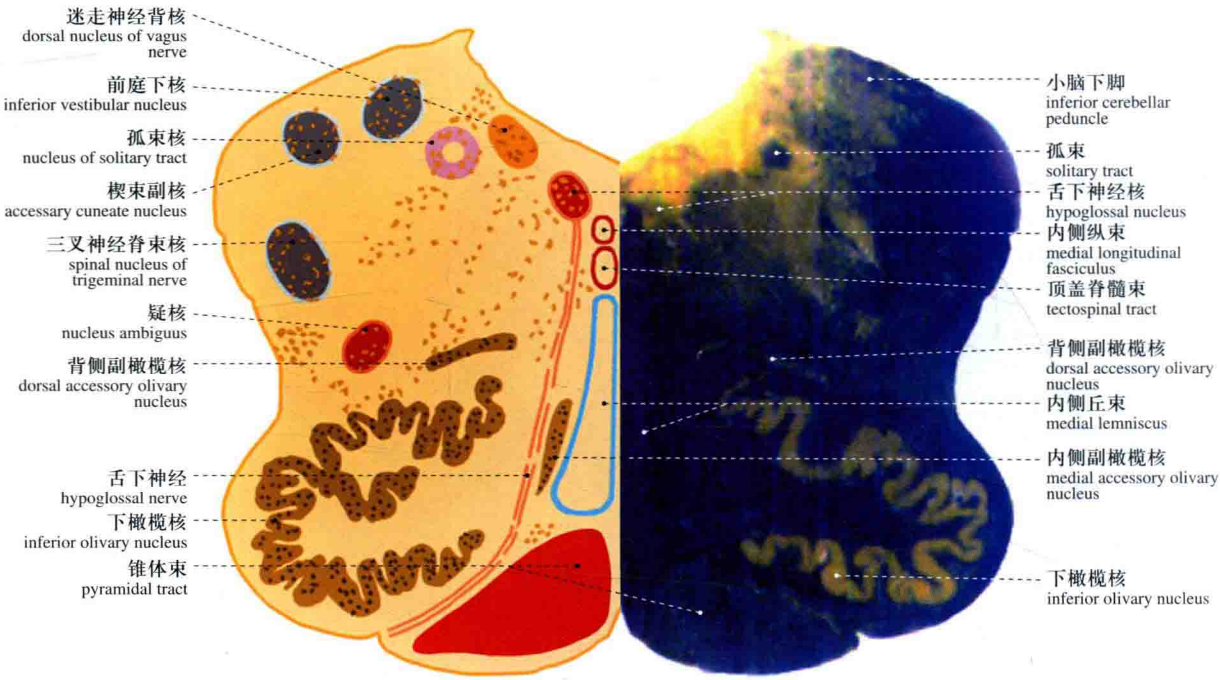


图 492 延髓横切面（经橄榄中部）

Transverse section of the medulla oblongata (through the middle portion of the olive)

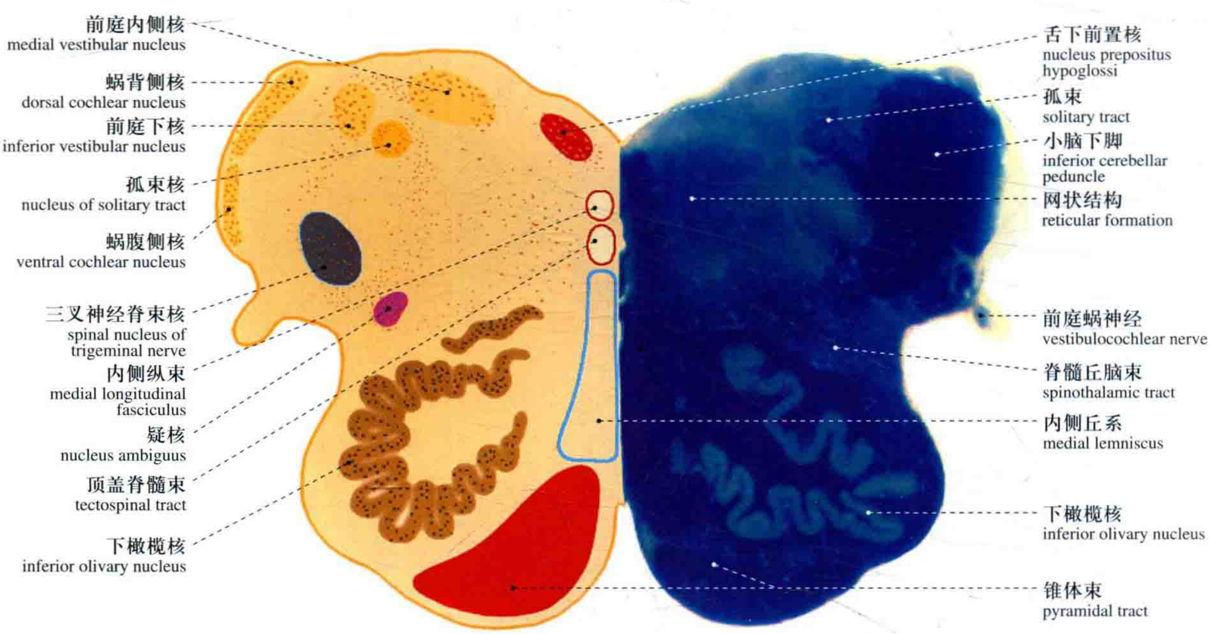


图 493 延髓横切面（经橄榄上部）

Transverse section of the medulla oblongata (through the superior portion of the olive)



图 494 **内侧丘系和外侧丘系**

Medial and lateral lemniscuses

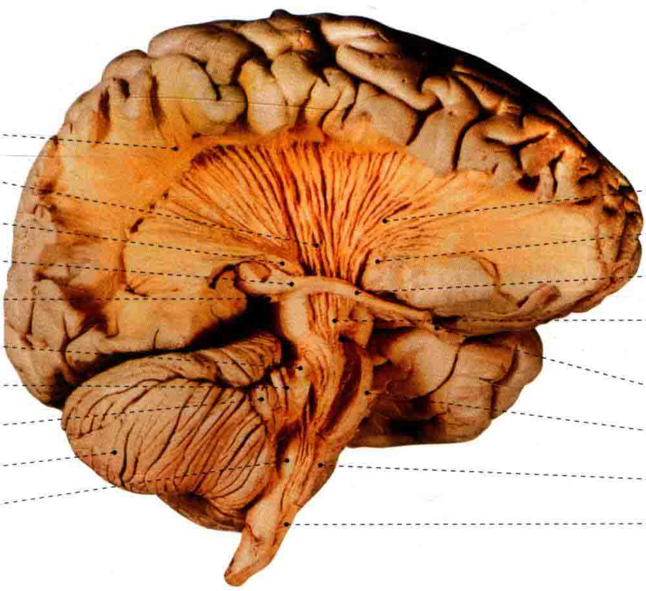


图 495 **锥体束**

Pyramidal tract

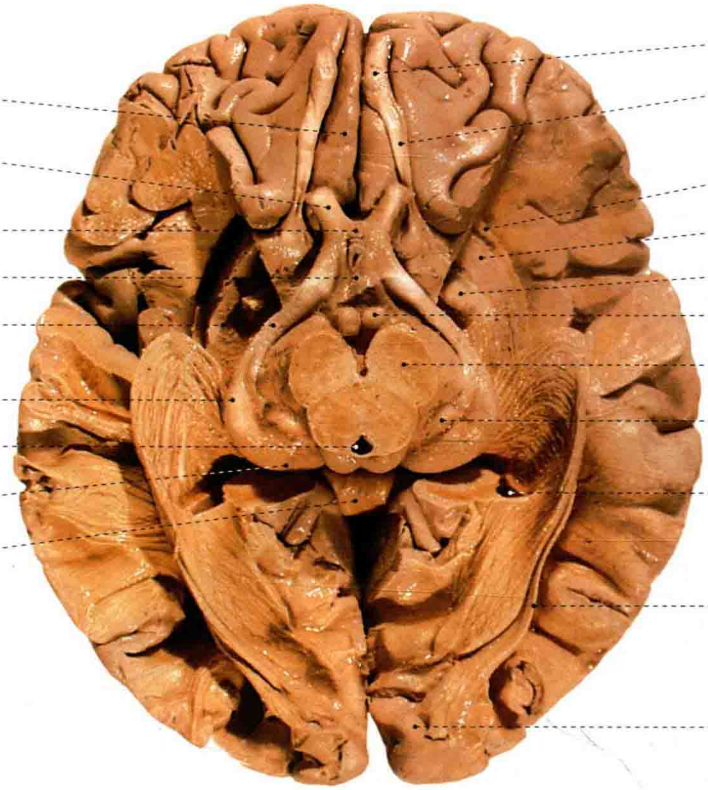


图 496 视束及视辐射

Optic tract and the optic radiation

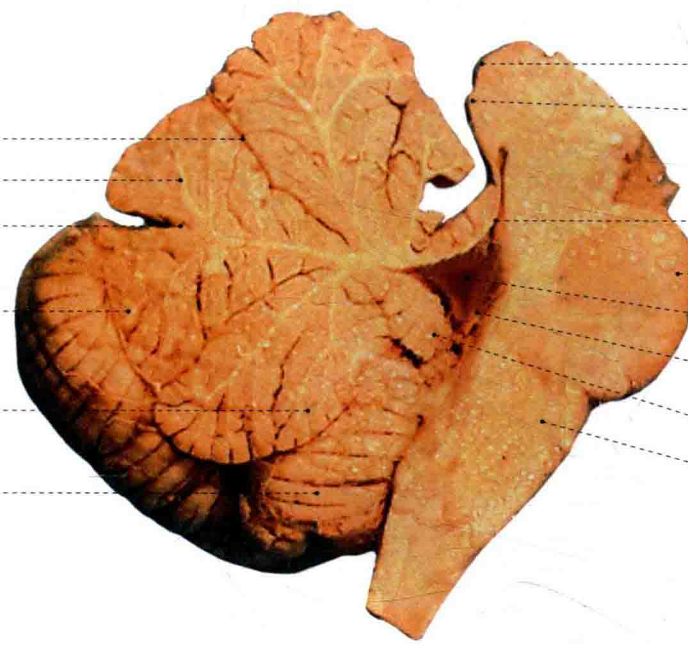


图 497 小脑（正中矢状切面）

Cerebellum (median sagittal section)

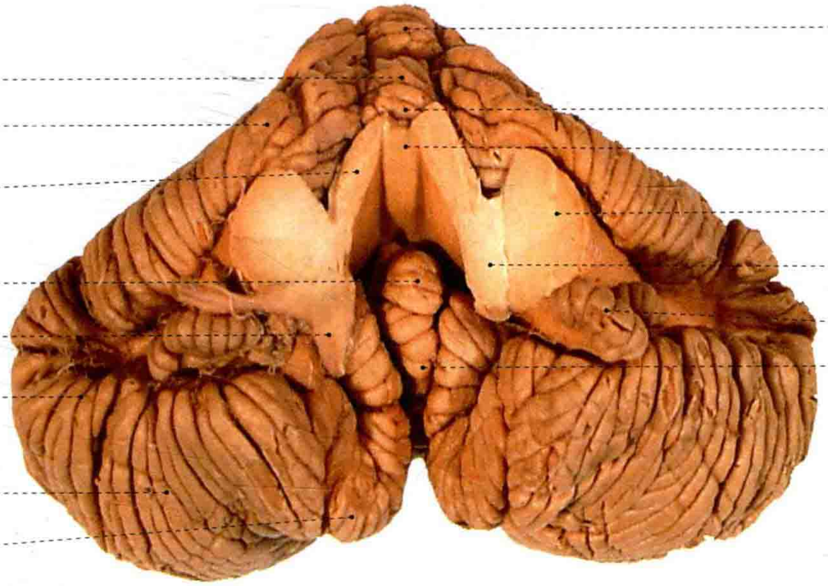


图 498 小脑（前面观）

Cerebellum (anterior aspect)

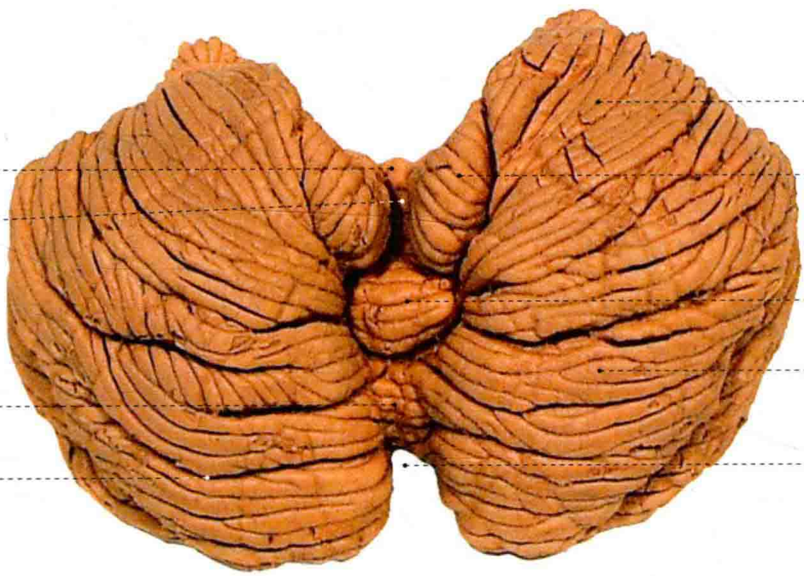


图 499 小脑（下面观）

Cerebellum (inferior aspect)

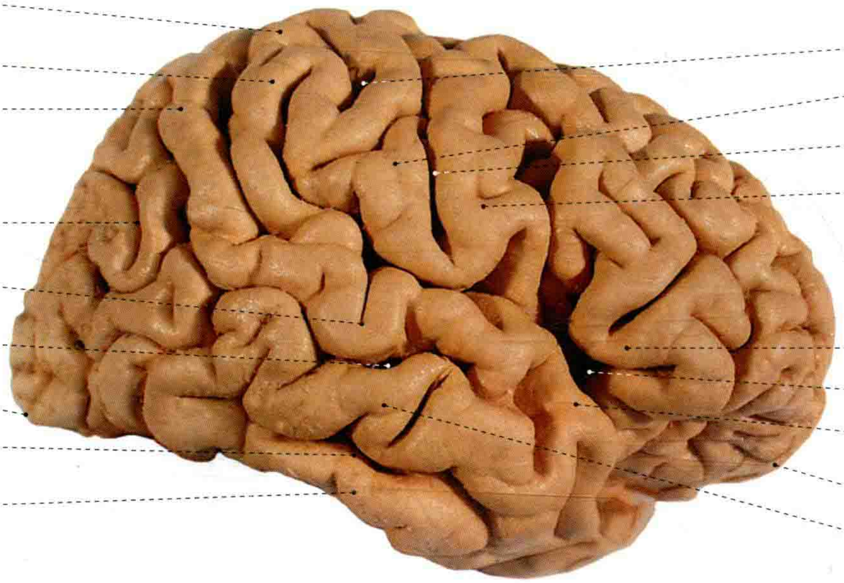


图 500　大脑（外侧面观）
Cerebrum (lateral aspect)

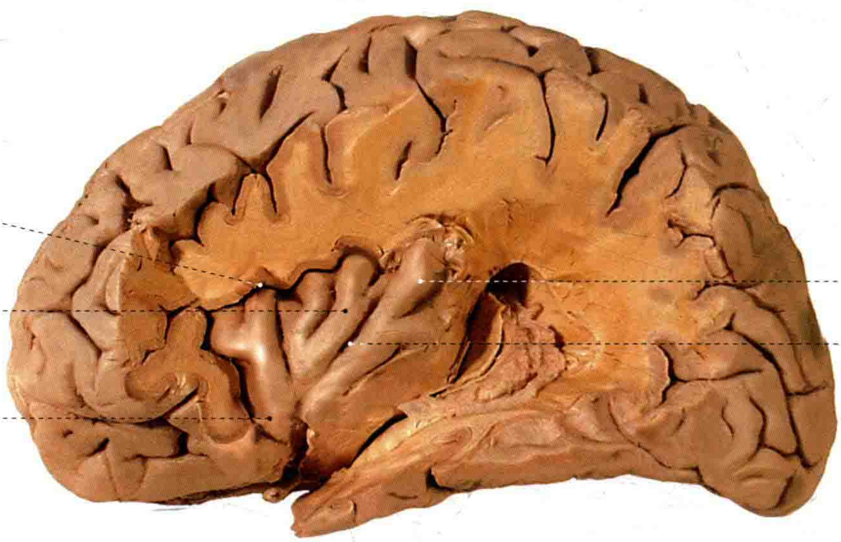


图 501　岛叶
Insular lobe

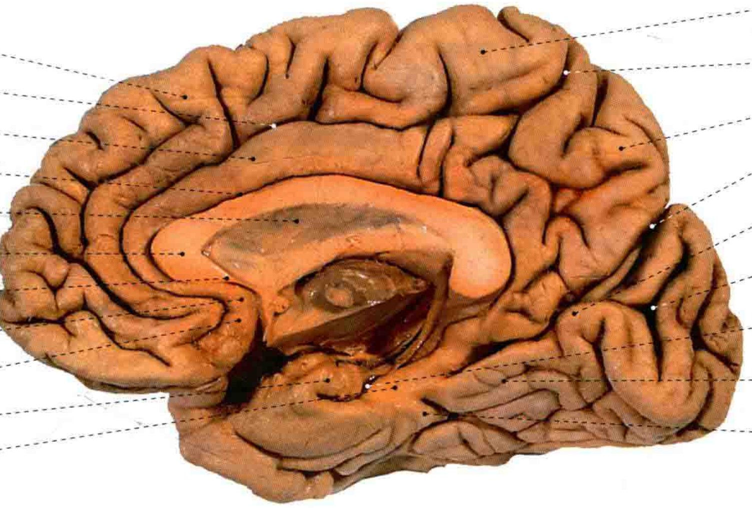


图 502　**大脑（正中矢状面）**

Cerebrum (midsagittal section)

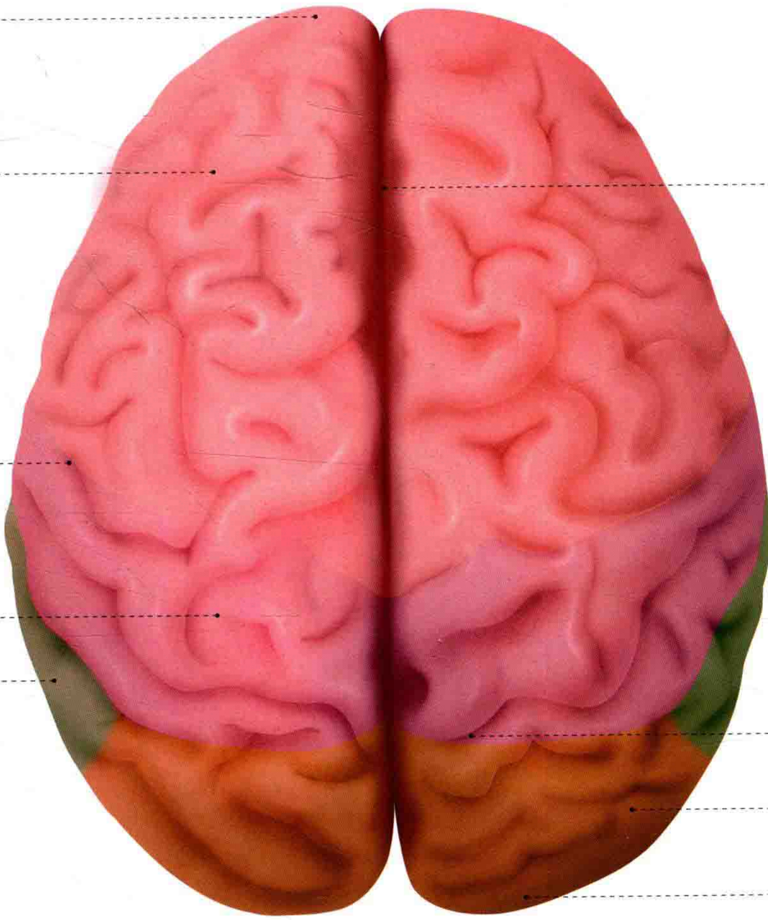


图 503　**大脑分叶（上面观）**

Division of the cerebrum into lobes (superior aspect)

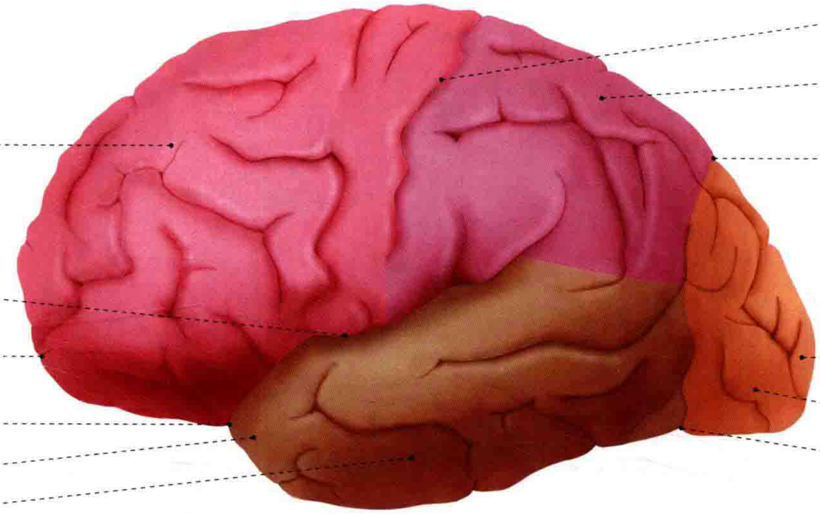


图 504 大脑分叶（外侧面观）

Division of the cerebrum into lobes (lateral aspect)

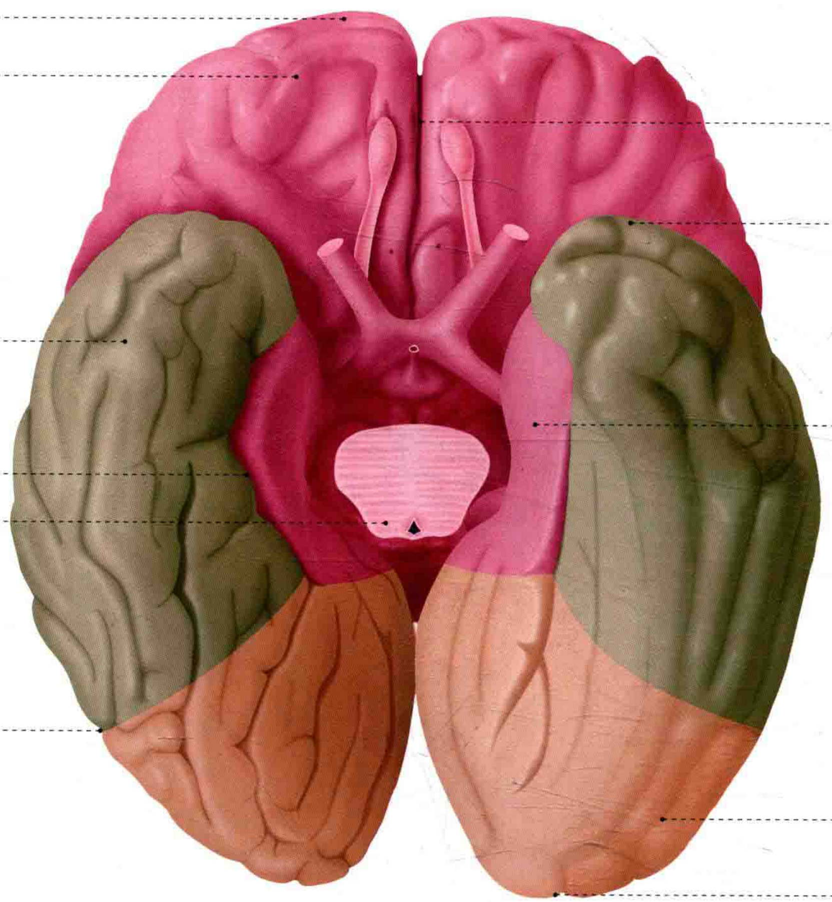


图 505 大脑分叶（下面观）

Division of the cerebrum into lobes (inferior aspect)

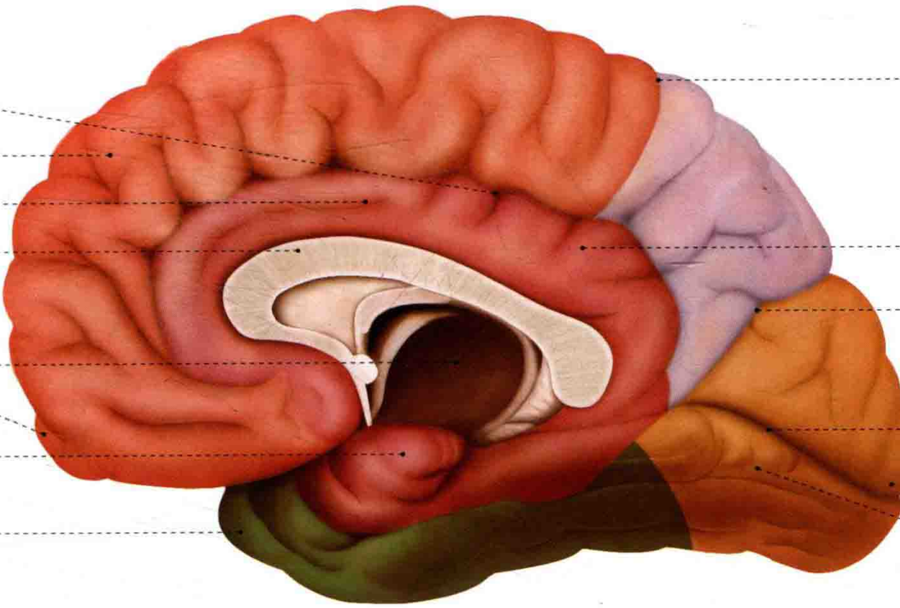


图 506 **大脑分叶（正中矢状面）**

Division of the cerebrum into lobes (midsagittal section aspect)

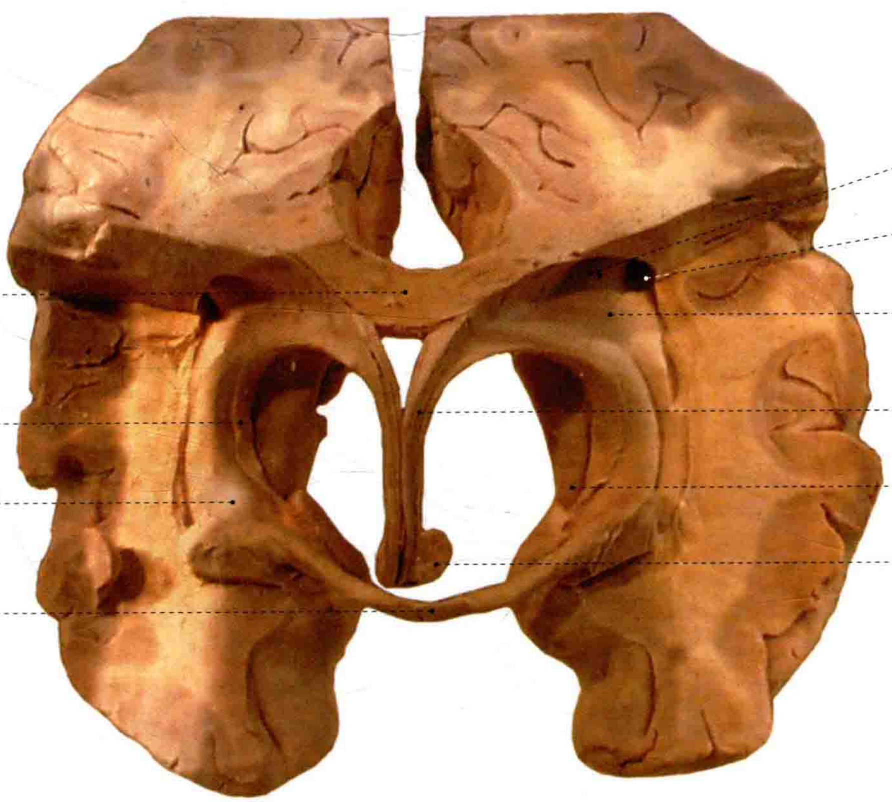


图 507 **海马结构**

Hippocampal formation

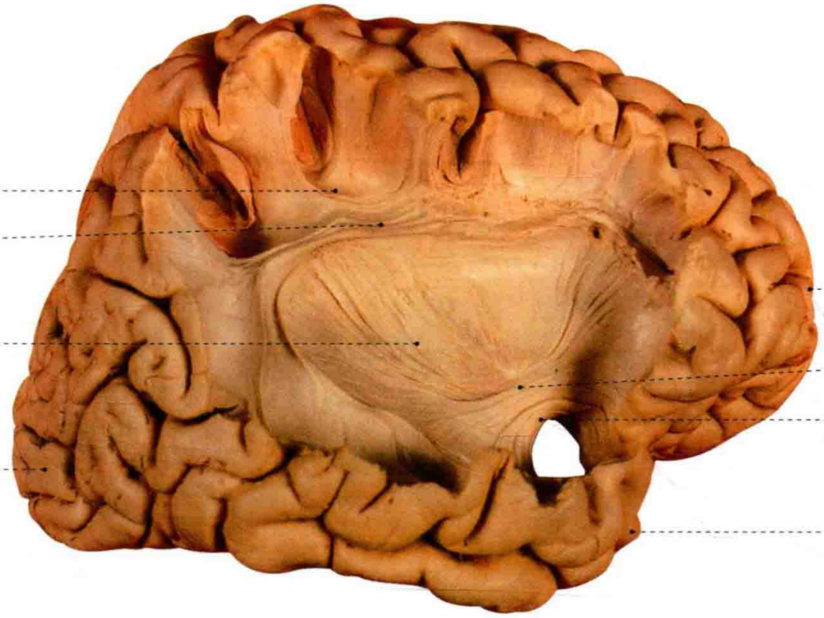


图 508 大脑半球内联络纤维

Association fibers in the cerebral hemisphere

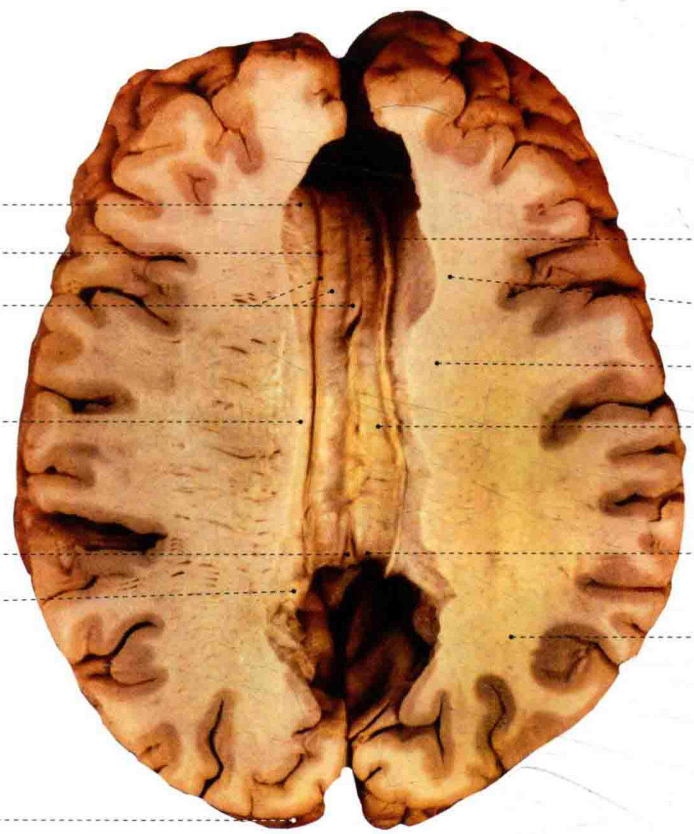


图 509 胼胝体（上面观）

Corpus callosum (superior aspect)

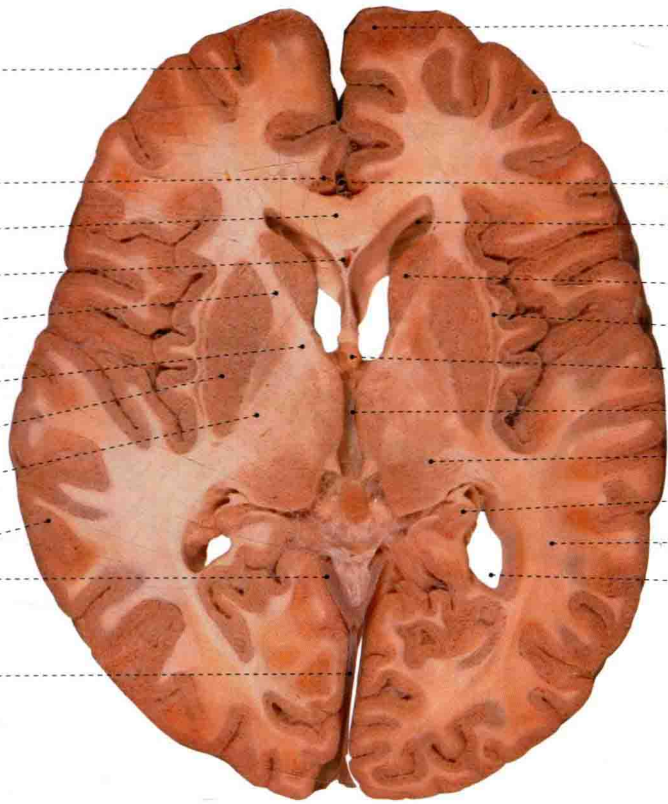


图510 脑水平断面

Horizontal section of the brain

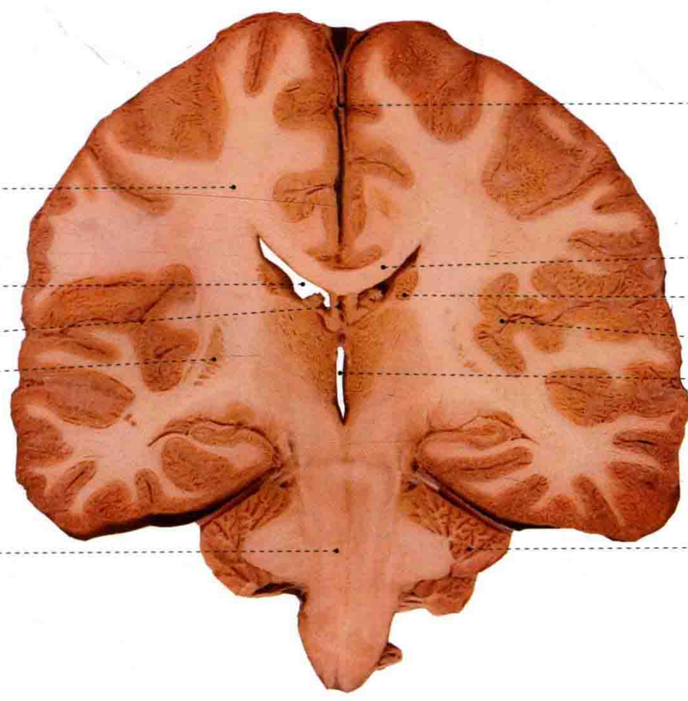


图511 脑冠状断面

Frontal section of the brain

第一节

脊 神 经

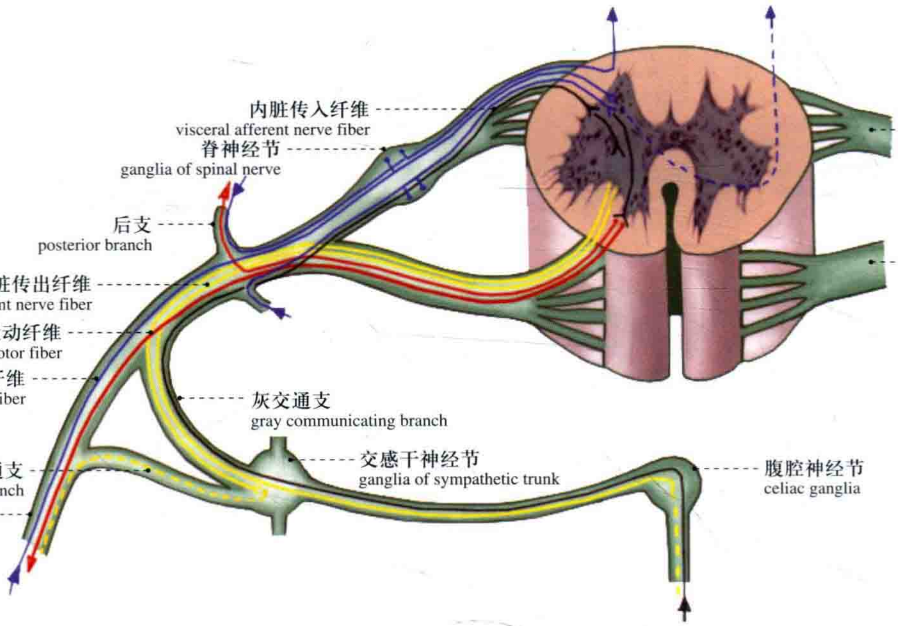


图 512　脊神经（模式图）
Spinal nerve (diagram)

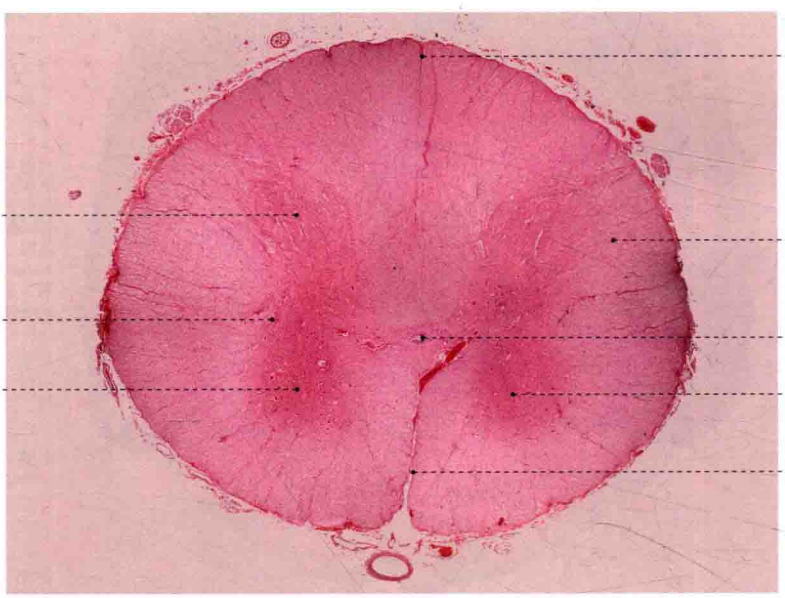


图 513　脊髓（人脊髓，横切面，×40）
Spinal cord (human spinal cord, transverse section, ×40)

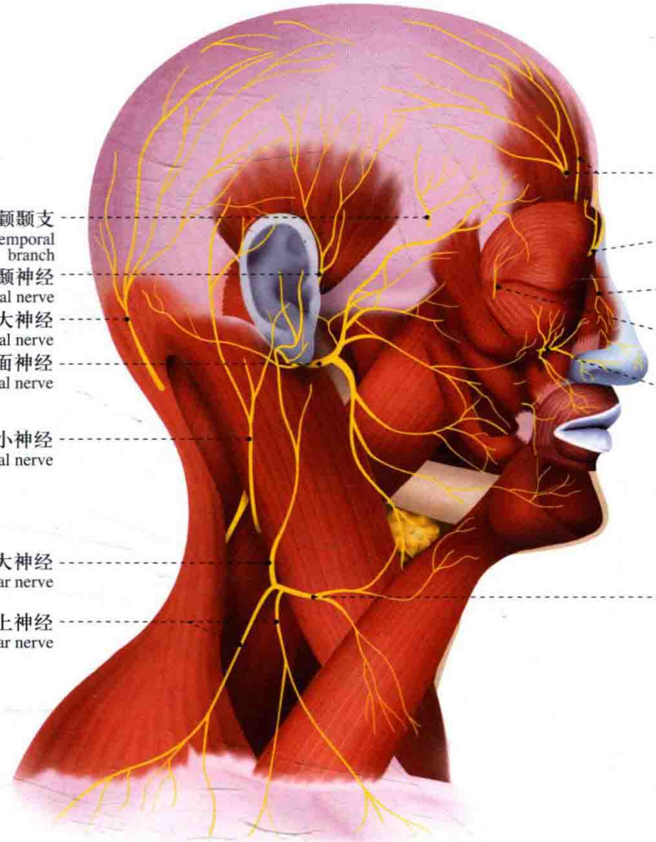


图 514 头颈部感觉神经分布

Sensory nerve distribution of the head and neck

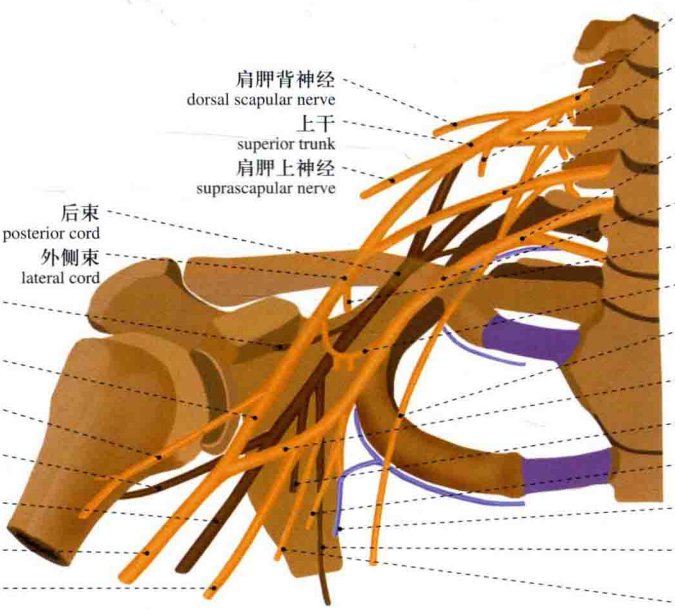


图 515 臂丛的组成和分支

Constitution and branches of the brachial plexus

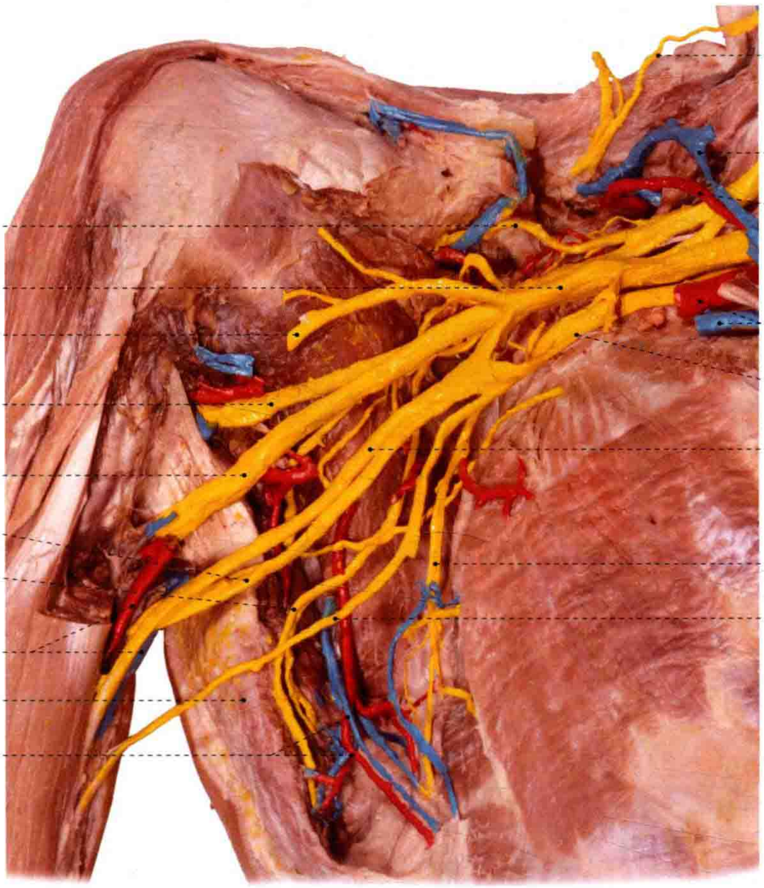


图 516　**肩前区和腋区的神经**

Nerves of anterior region of the shoulder and the axillary region

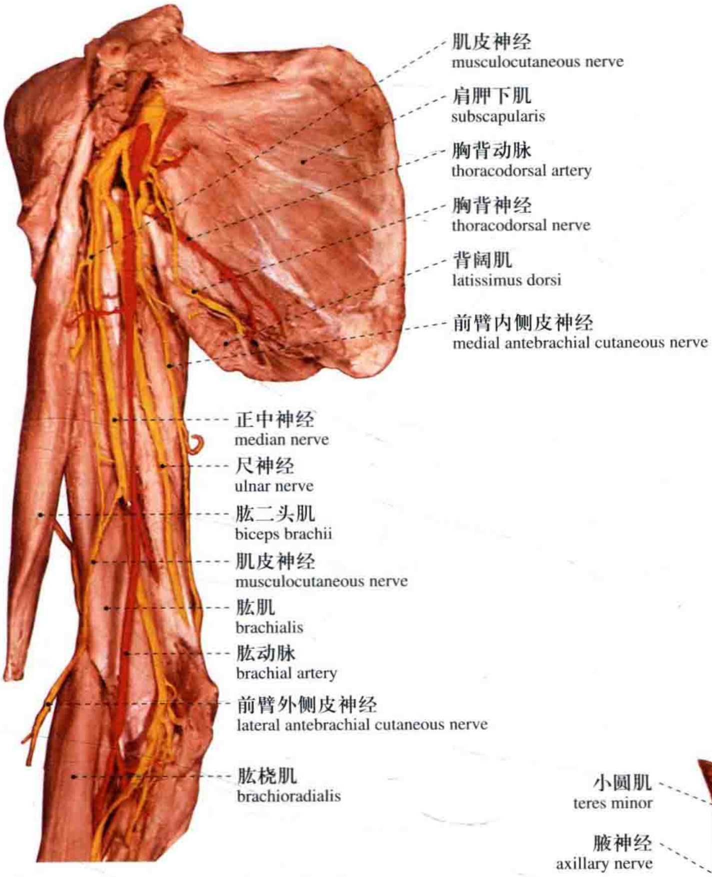


图 517　臂部的神经（前面观）
Nerves of the arm (anterior aspect)

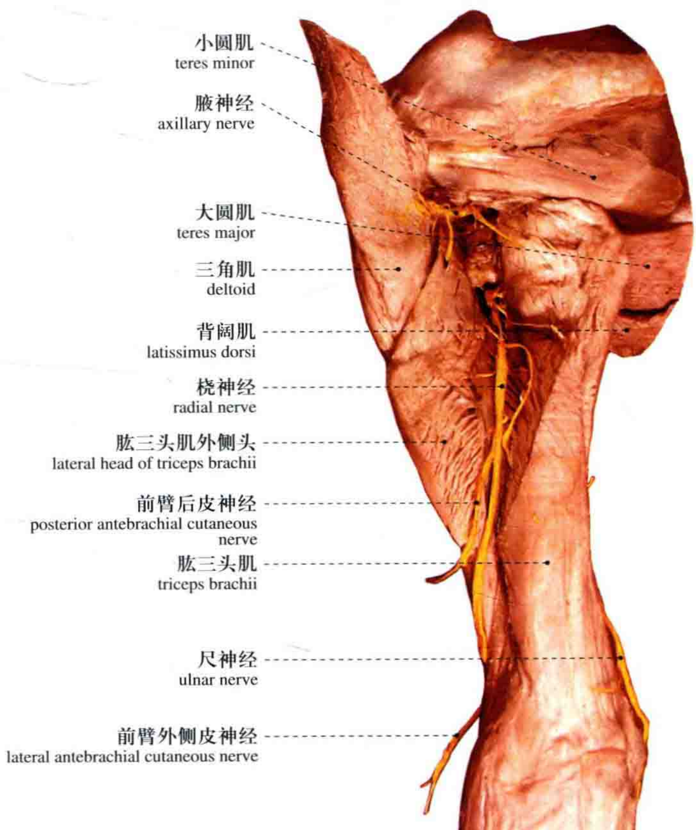


图 518　臂部的神经（后面观）
Nerves of the arm (posterior aspect)

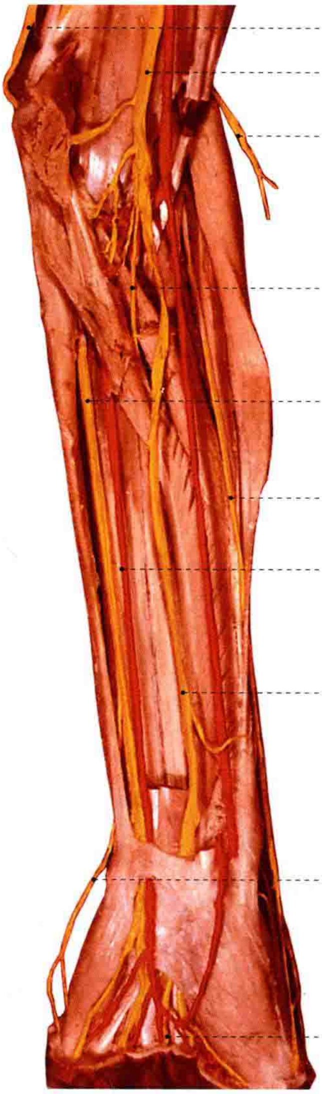


图 519 前臂的神经（前面观）

Nerves of the forearm (anterior aspect)

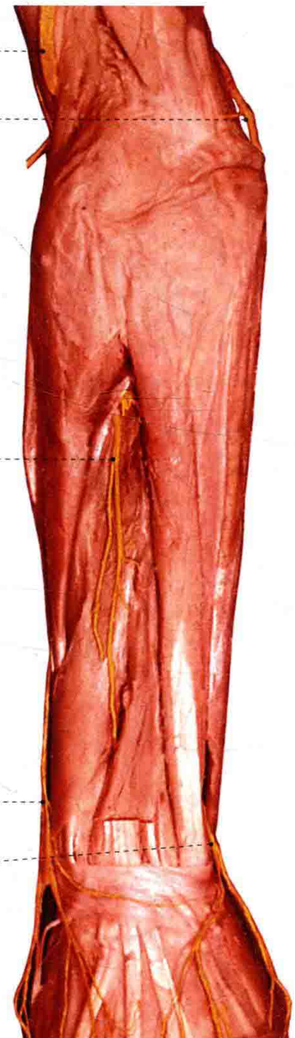


图 520 前臂的神经（后面观）

Nerves of the forearm (posterior aspect)



图 521 上肢神经

Nerves of the upper limb

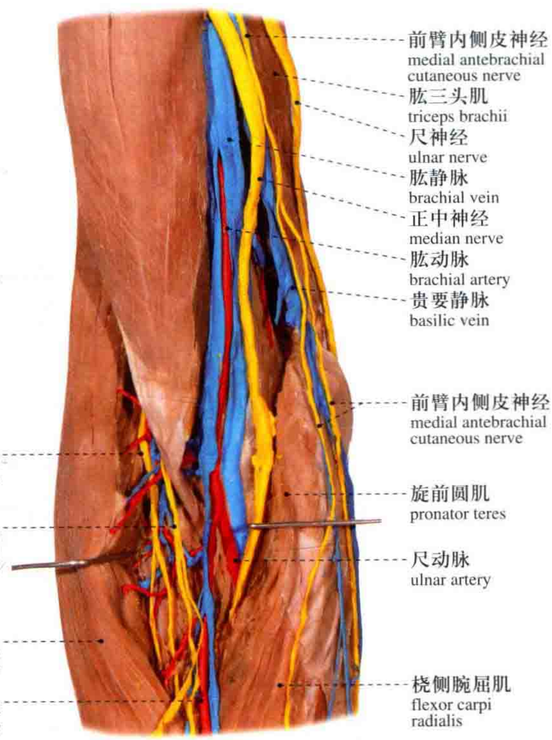


图 522 肘前区血管和神经

Blood vessels and nerves of the anterior cubital region



图 523　**手掌面神经**

Nerves of the palmar aspect of the hand

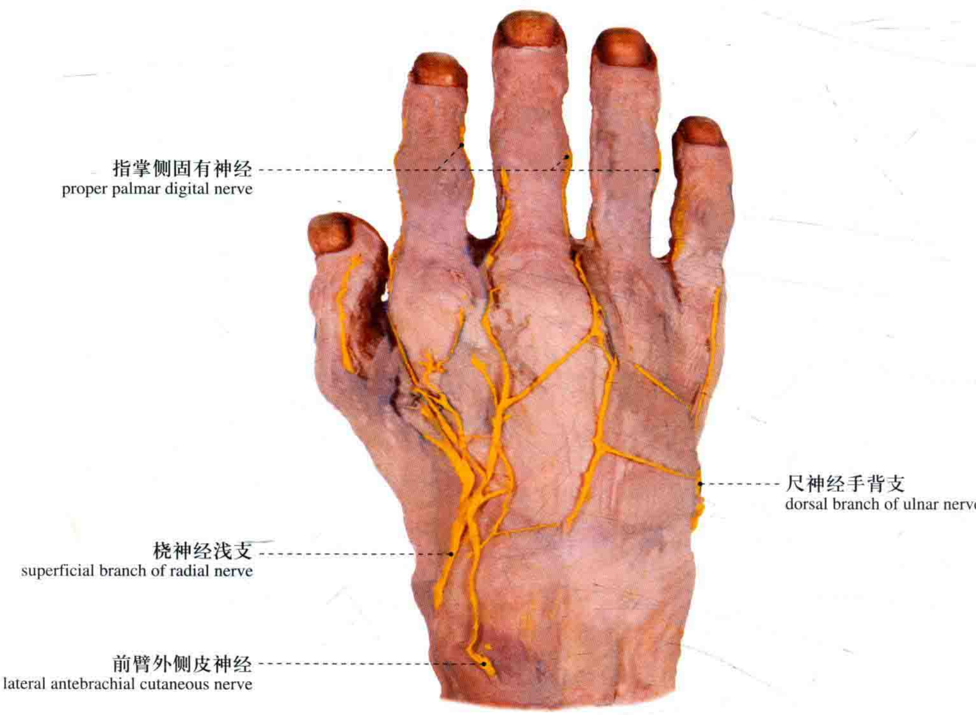


图 524　**手背面神经**

Nerves of the dorsal aspect of the hand

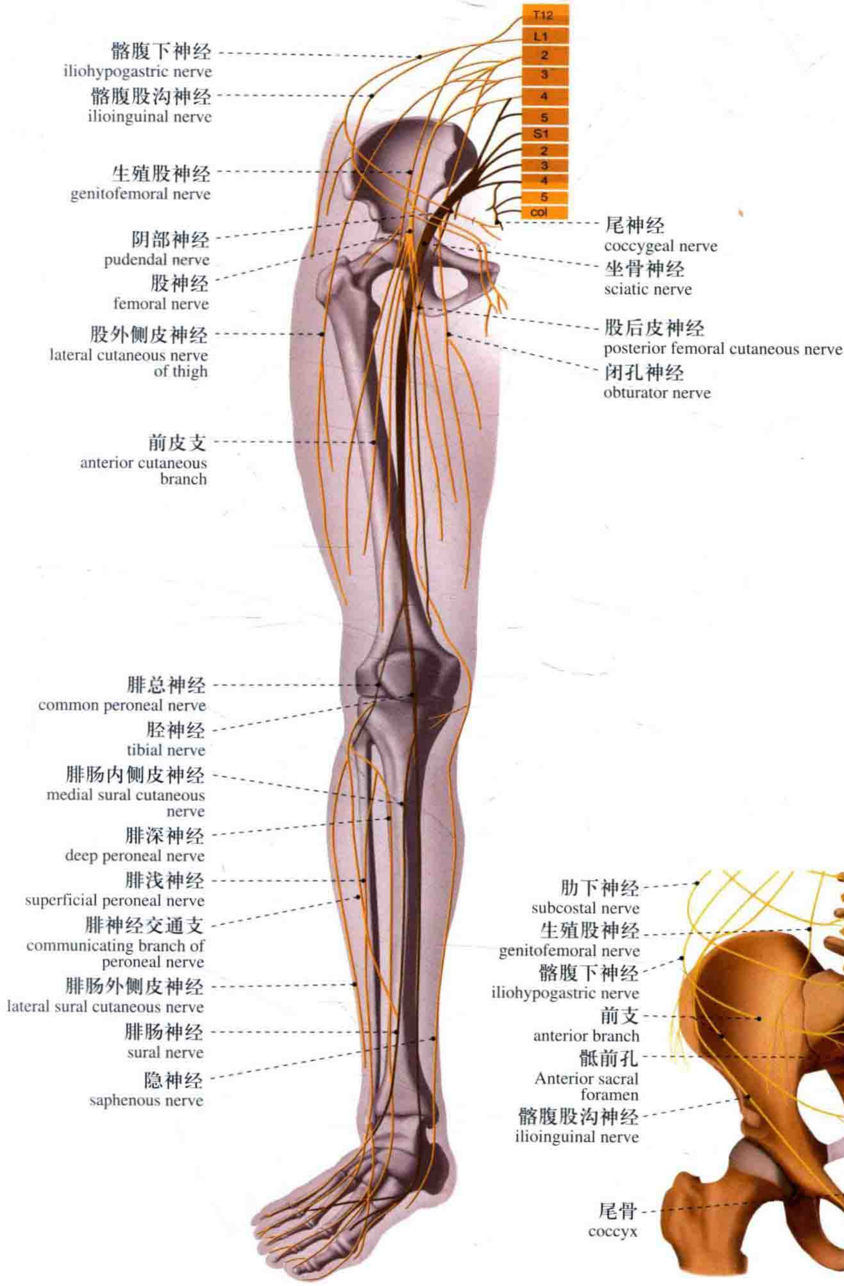


图 525　下肢的神经（模式图）
Nerves of the lower limb (diagram)

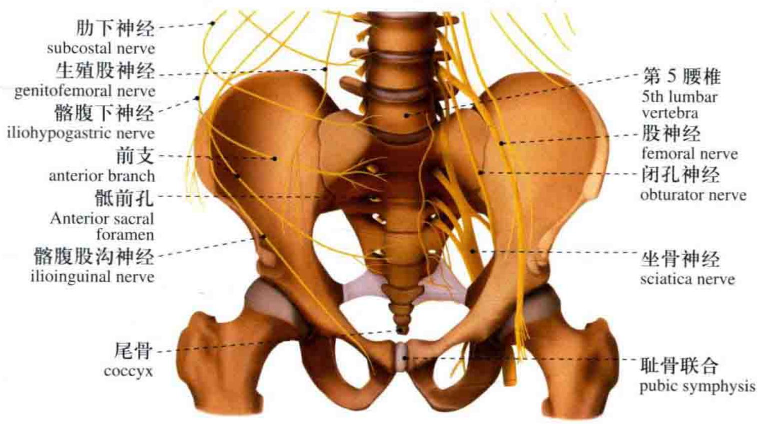


图 526　盆腔的神经（模式图）
Pelvic nerves (diagram)

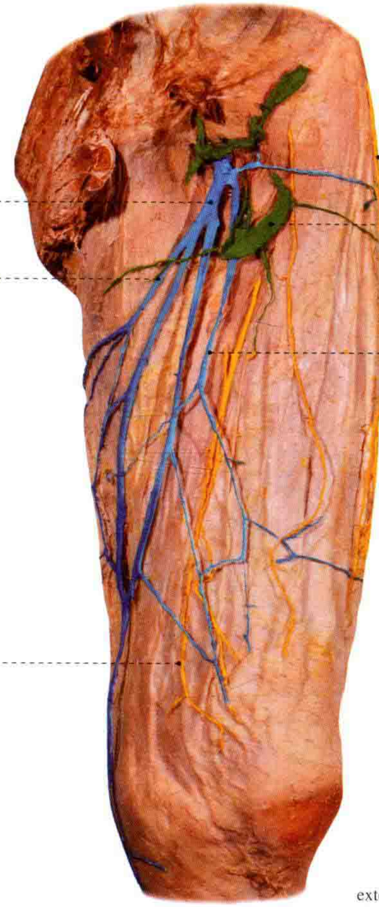


图 527　股前区血管和神经 1

Blood vessels and nerves of the anterior femoral region 1

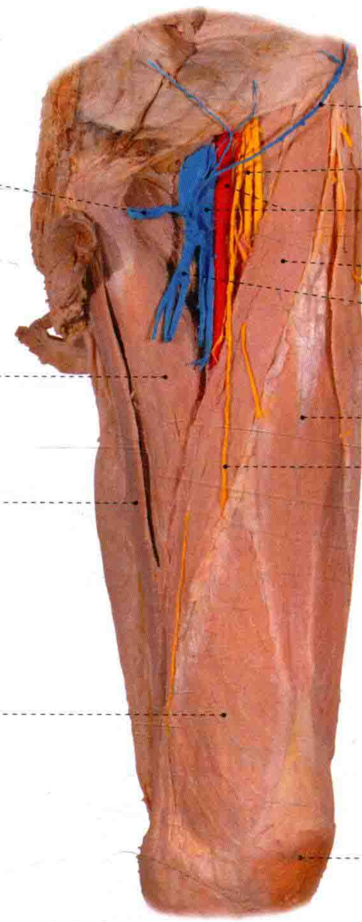


图 528　股前区血管和神经 2

Blood vessels and nerves of the anterior femoral region 2

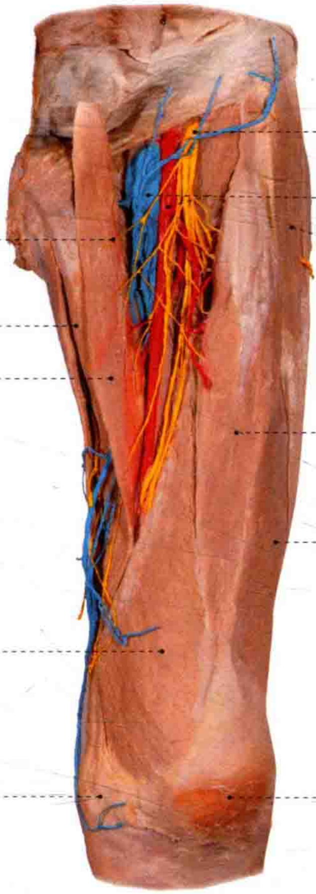


图 529 股前区血管和神经 3

Blood vessels and nerves of the anterior femoral region 3

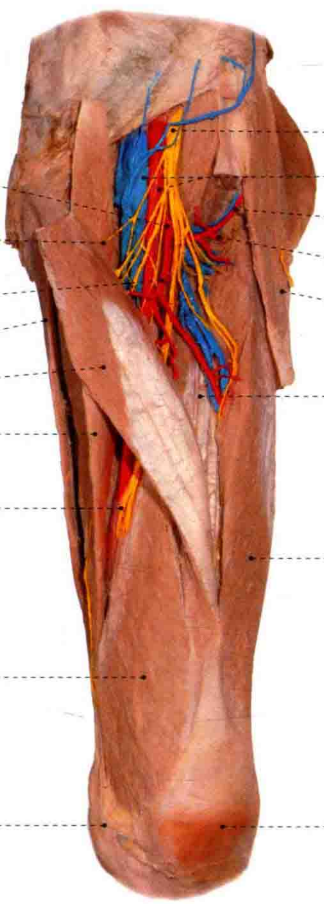


图 530 股前区血管和神经 4

Blood vessels and nerves of the anterior femoral region 4

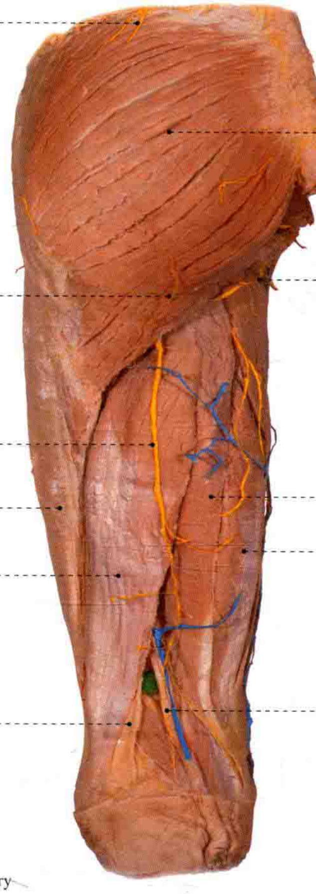


图 531　股后区血管和神经 1

Blood vessels and nerves of the posterior femoral region 1

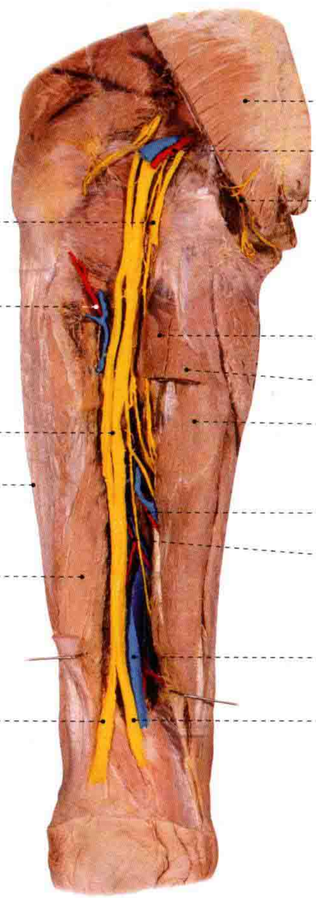


图 532　股后区血管和神经 2

Blood vessels and nerves of the posterior femoral region 2

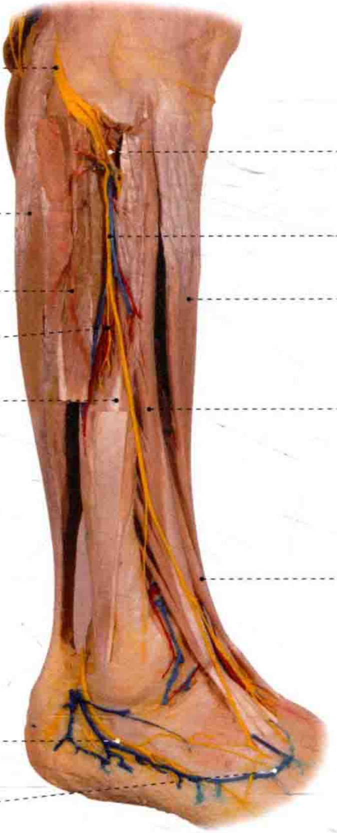


图 533　小腿前区血管和神经 1

Blood vessels and nerves of the anterior crural region 1



图 534　小腿前区血管和神经 2

Blood vessels and nerves of the anterior crural region 2



图 535　小腿后区血管和神经 1

Blood vessels and nerves of the posterior crural region 1

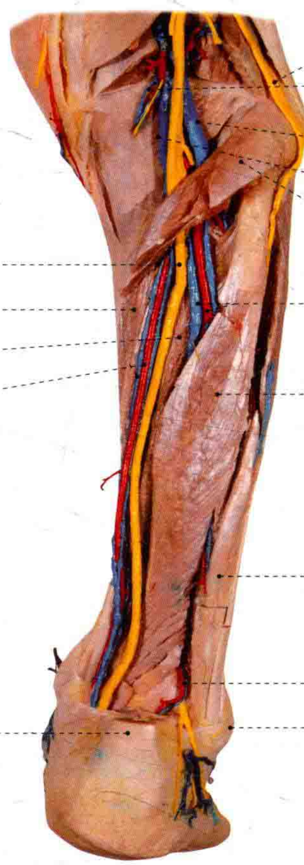


图 536　小腿后区血管和神经 2

Blood vessels and nerves of the posterior crural region 2



图 537　足背区血管和神经 1

Blood vessels and nerves of the dorsal region of the foot 1

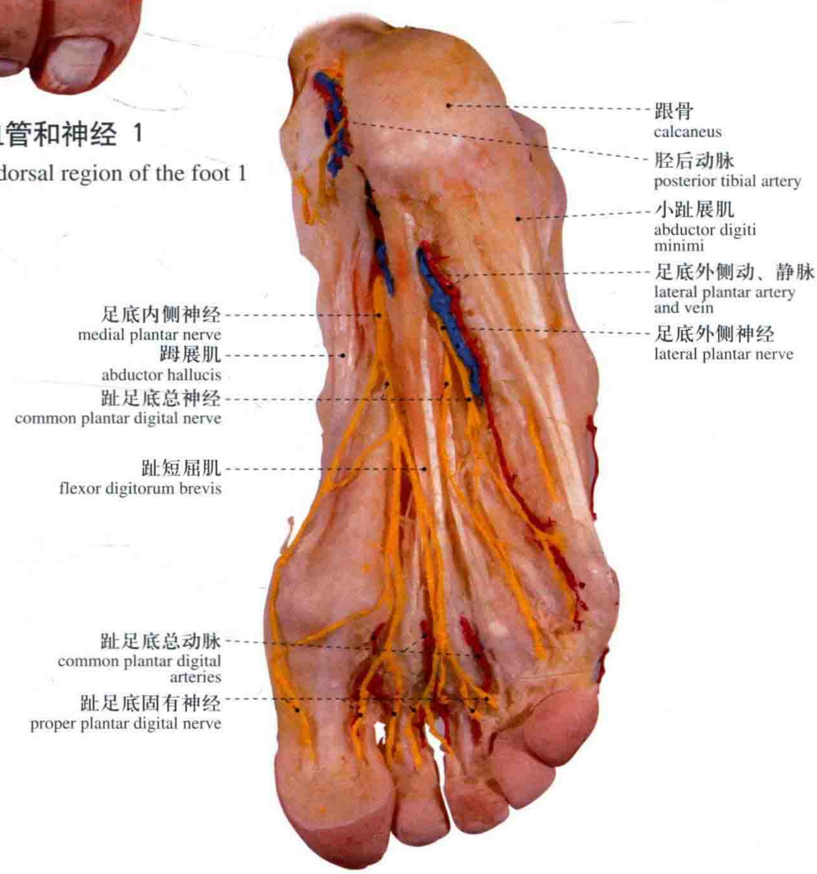


图 538　足底区血管和神经 2

Blood vessels and nerves of the plantar region of the foot 2

第二节

脑神经

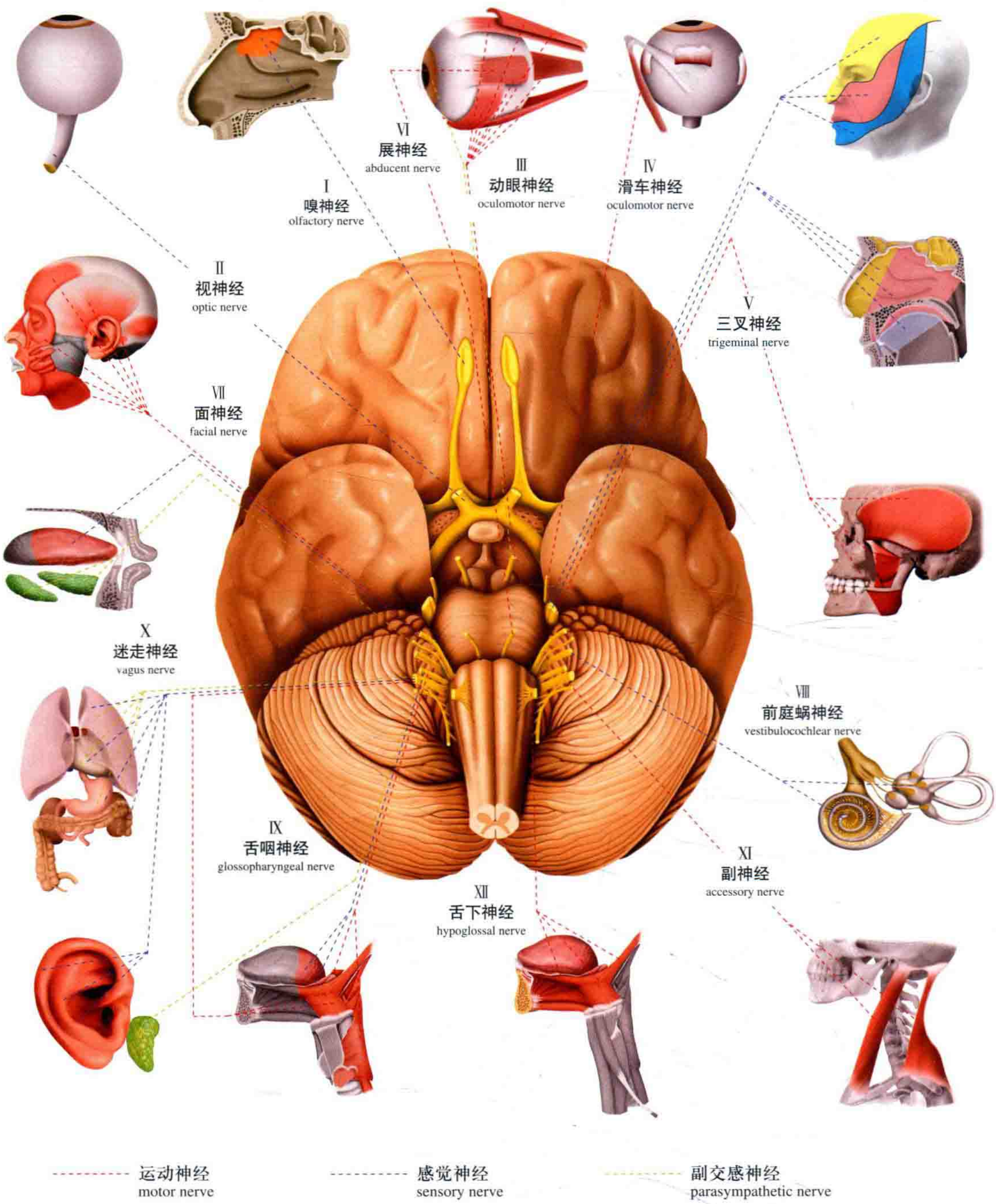


图 539 脑神经（模式图）

Cranial nerves (diagram)

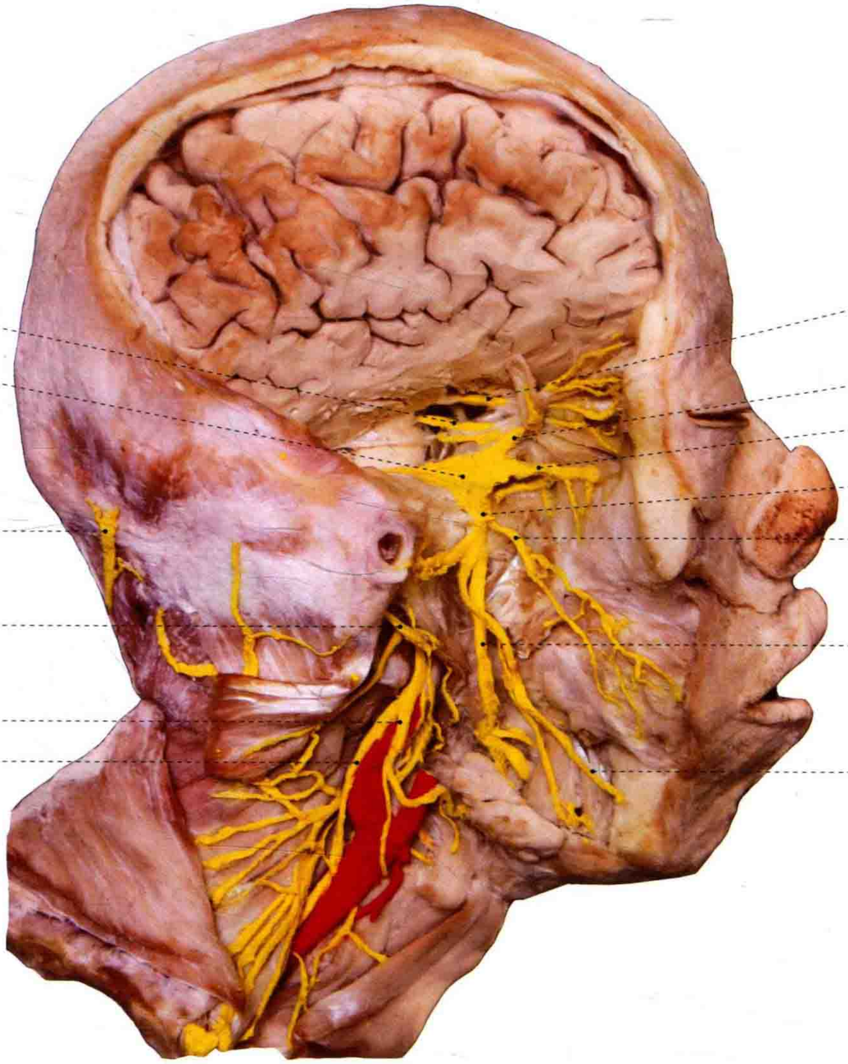


图 540 脑神经（侧面观）
Cranial nerve (lateral aspect)

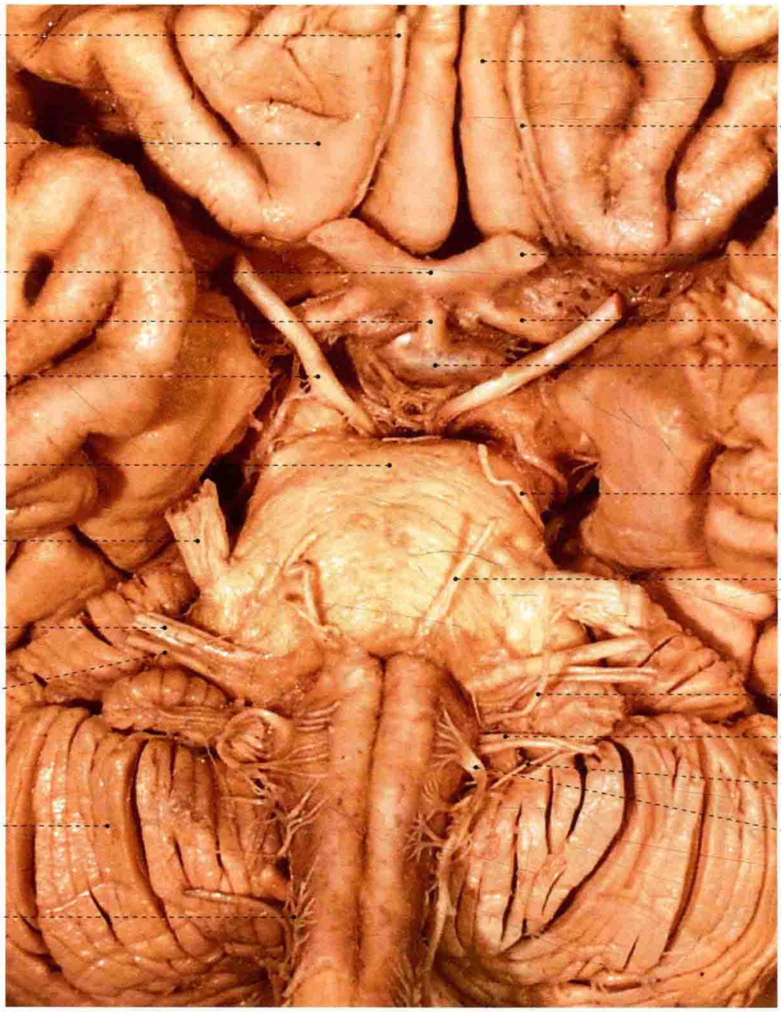


图 541 脑神经（底面）
Cranial nerves (basal surface)

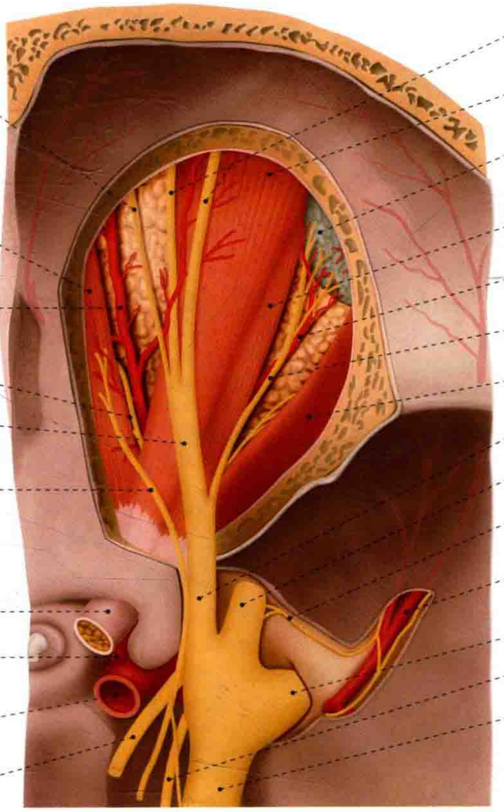


图 542　右侧眶动脉和神经（上面观）

Right orbital arteries and nerves (superior aspect)

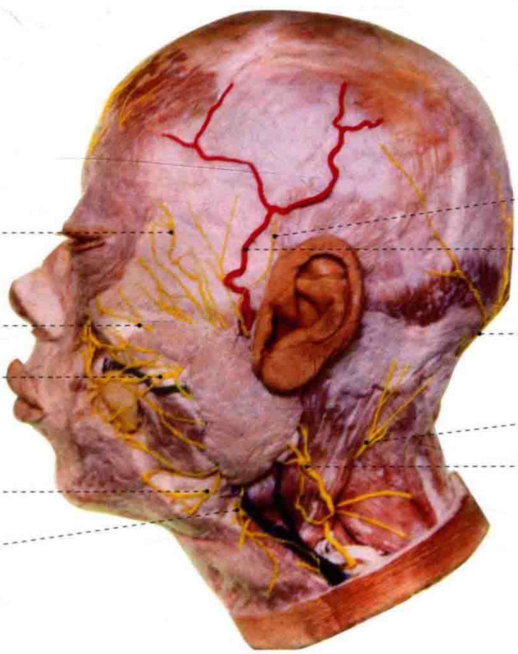


图 543　面神经

Facial nerve

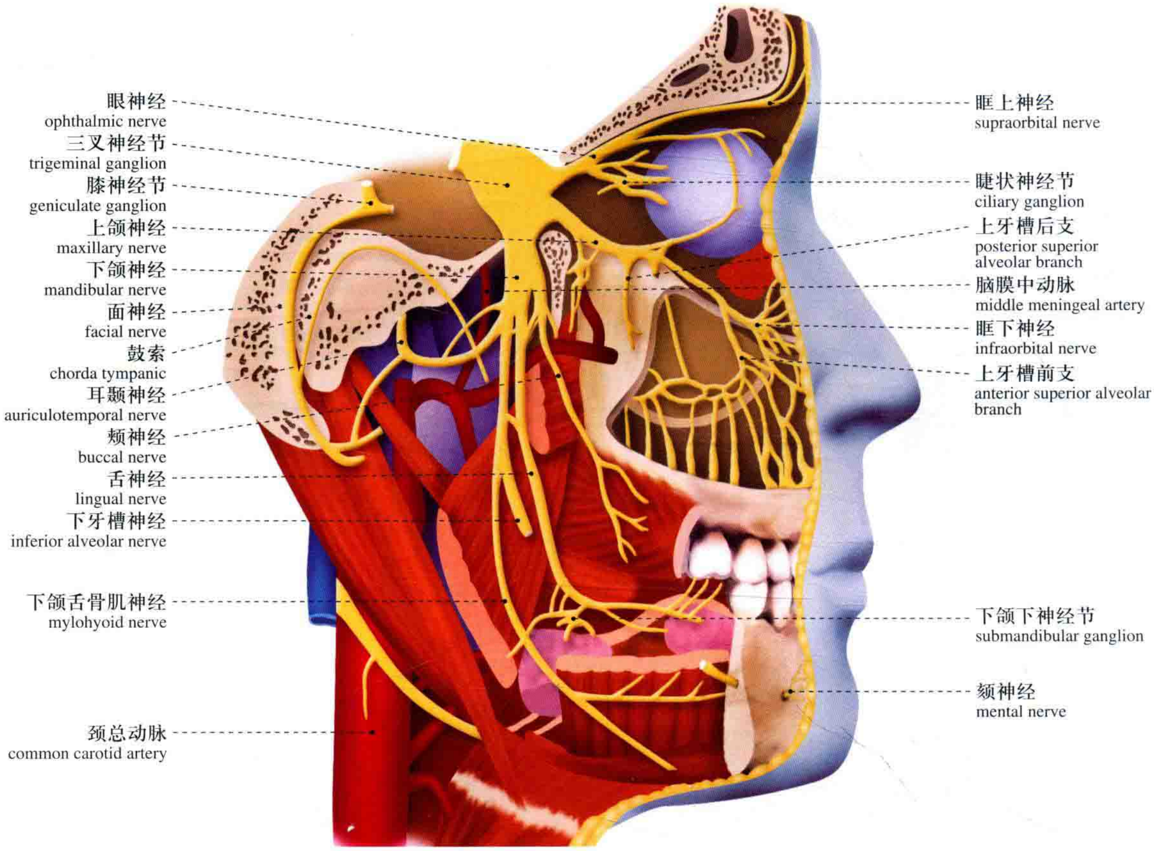


图 544　三叉神经及其分支

Trigeminal nerve and its branches

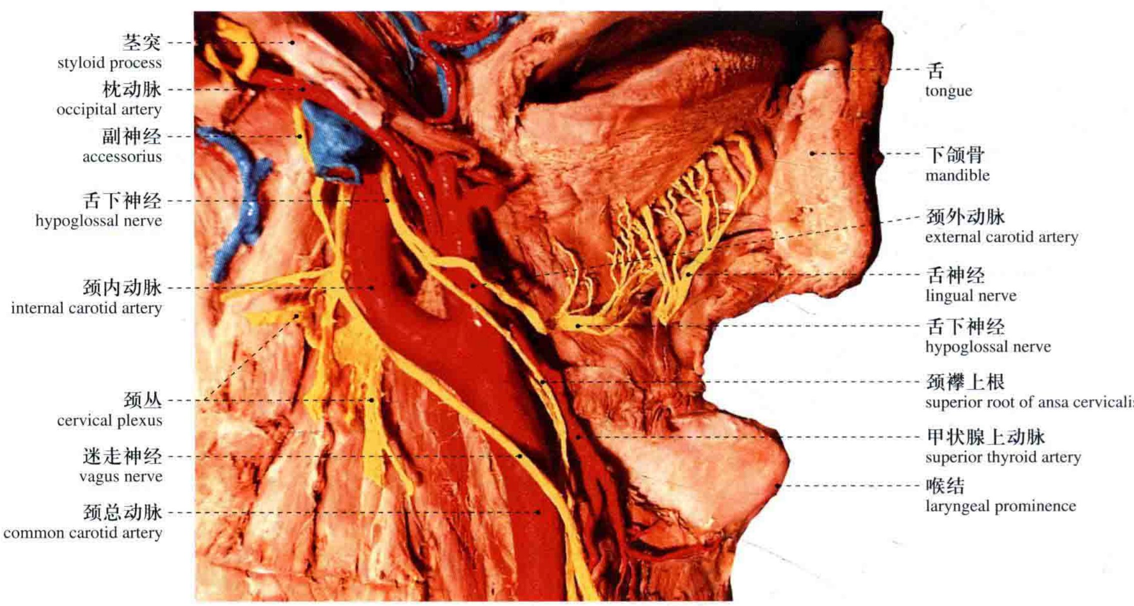


图 545　舌下神经

Hypoglossal nerve

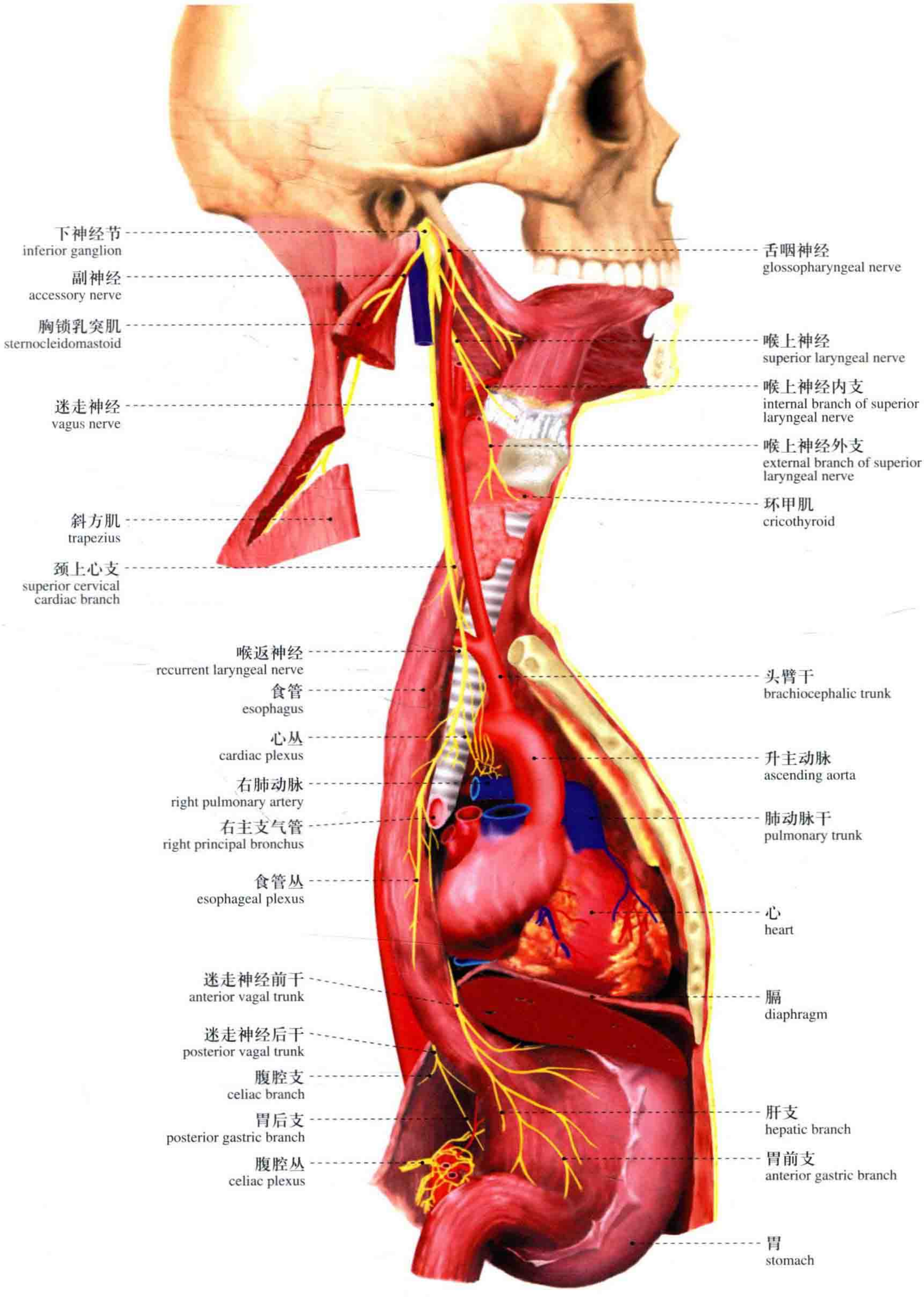


图 546　舌咽、迷走、副神经的走行和分布

Course and the distribution of the glossopharyngeal, the vagus and the accessory nerves

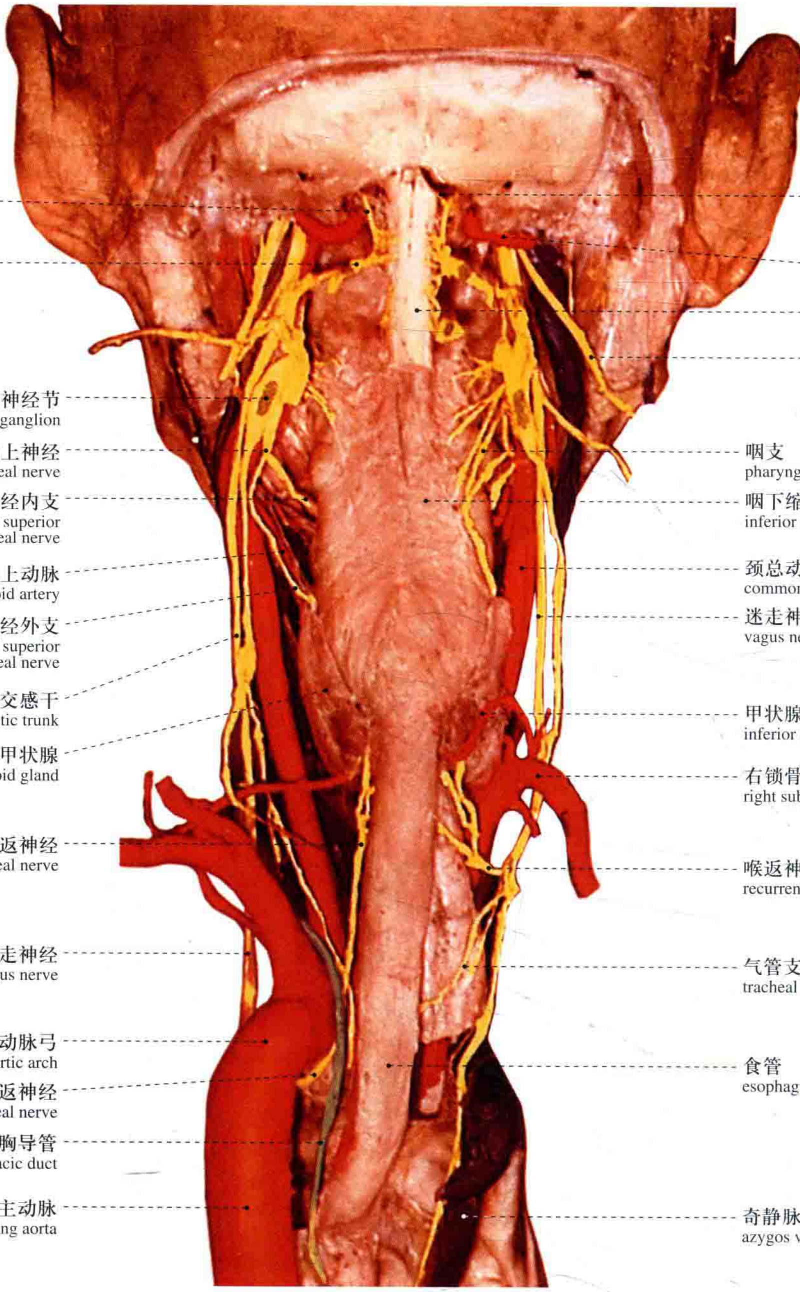


图 547 迷走神经的分支（后面观）

Branches of the vagus nerve (posterior aspect)

第三节

内脏神经系统

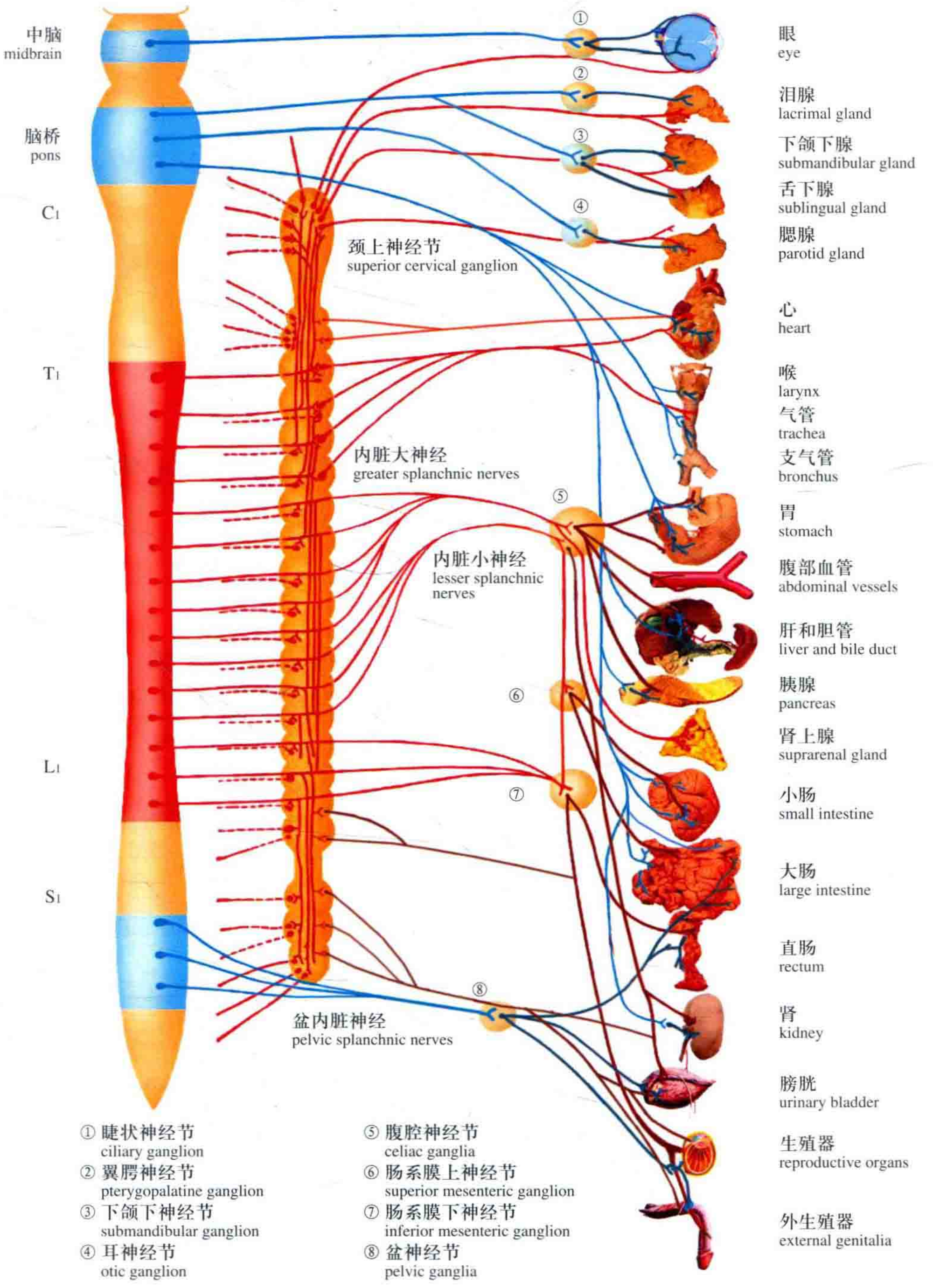


图 548 内脏神经系统（模式图）

Visceral nervous system (diagram)

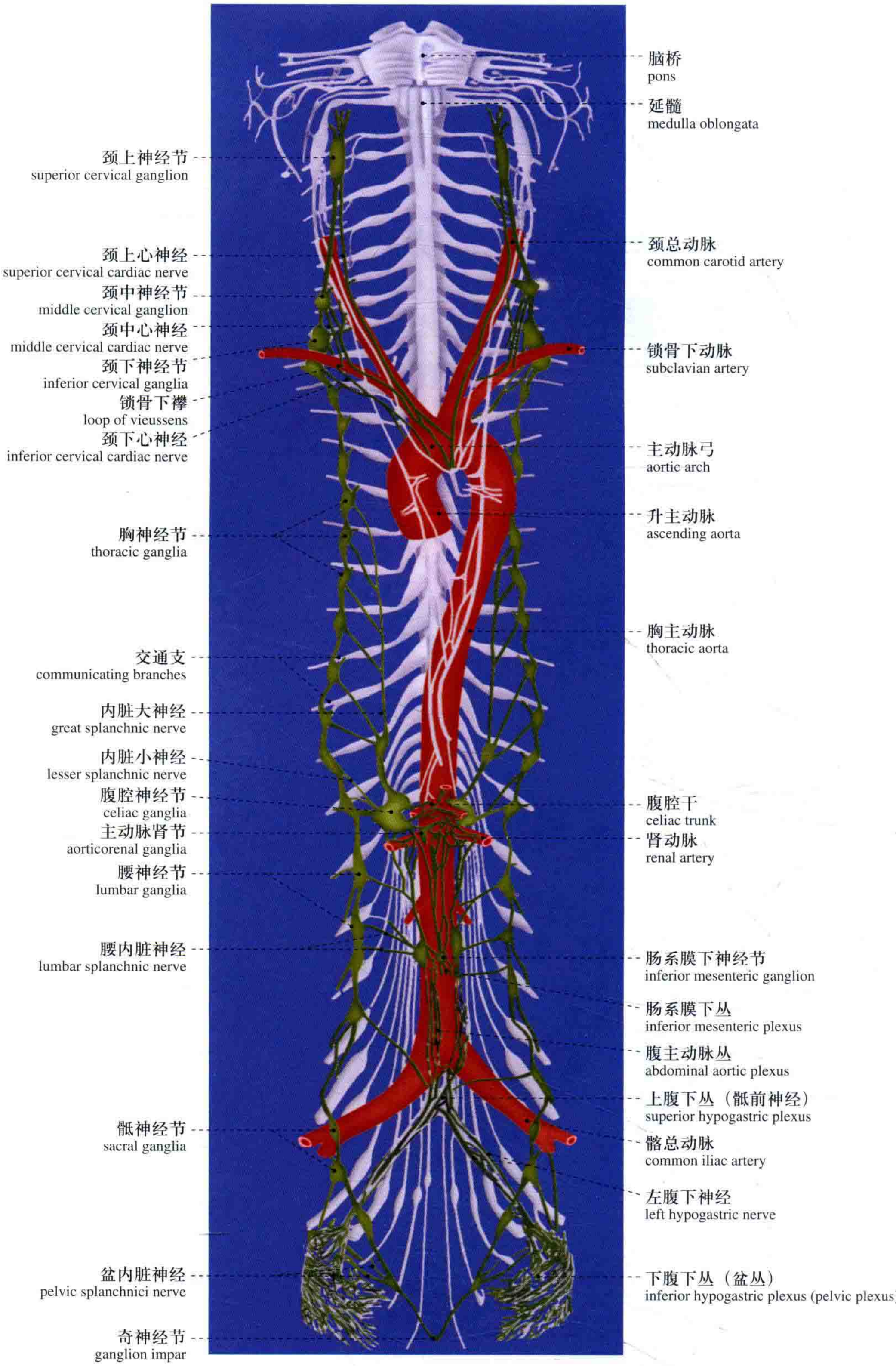


图 549　交感神经系统（模式图）

Sympathetic nervous system (diagram)

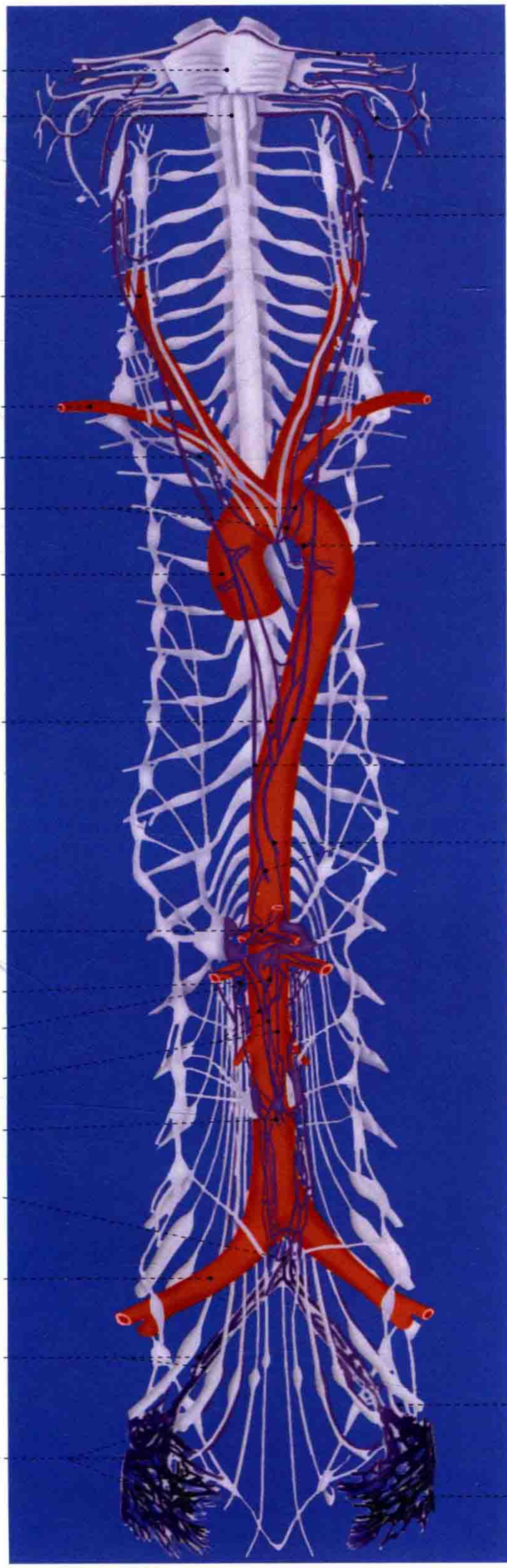


图 550 副交感神经系统（模式图）
Parasympathetic nervous system (diagram)

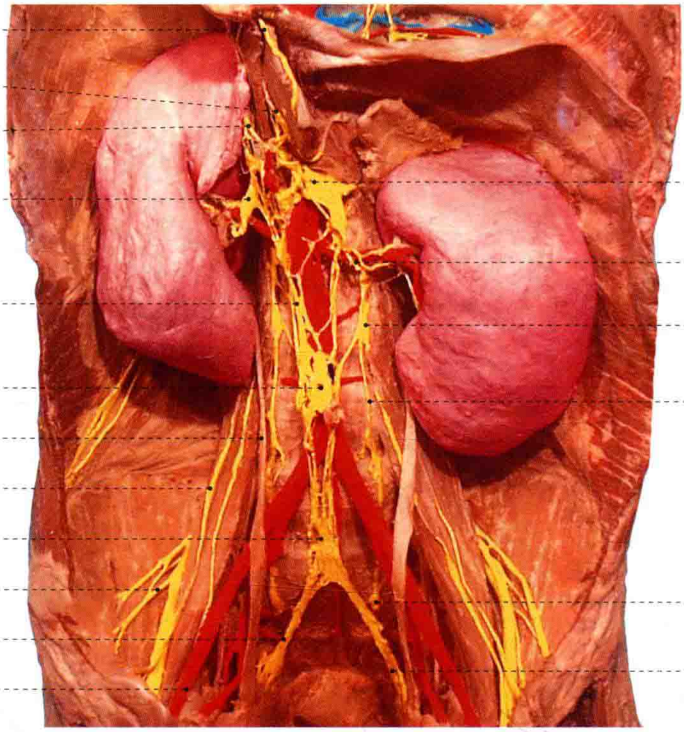


图 551　内脏神经（腹部）

Visceral nerve (abdominal region)

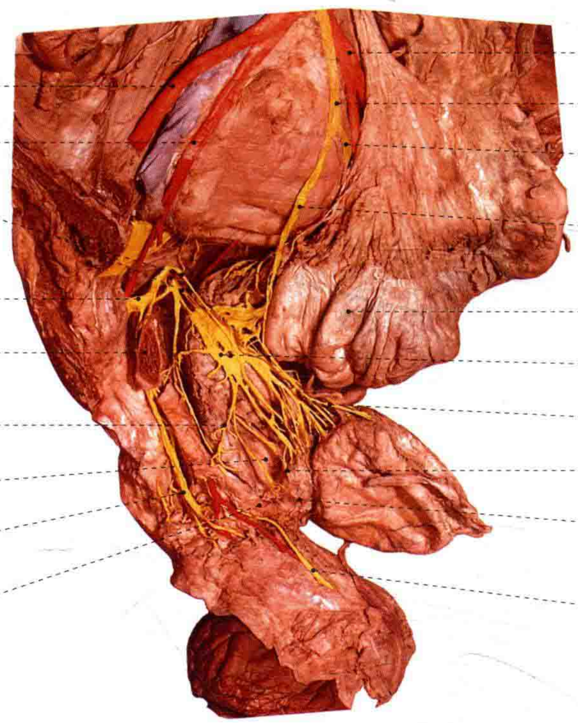


图 552　内脏神经（盆部）

Visceral nerve (pelvic region)

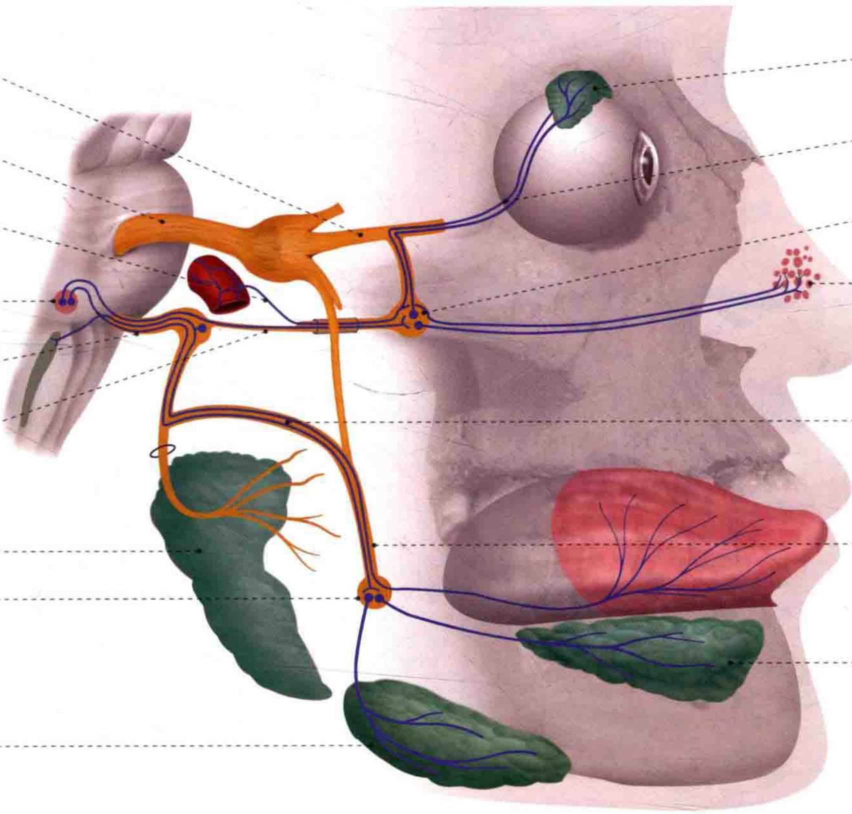


图 553 面神经的副交感纤维

Parasympathetic fibers of the facial nerve

第一节

感觉传导通路

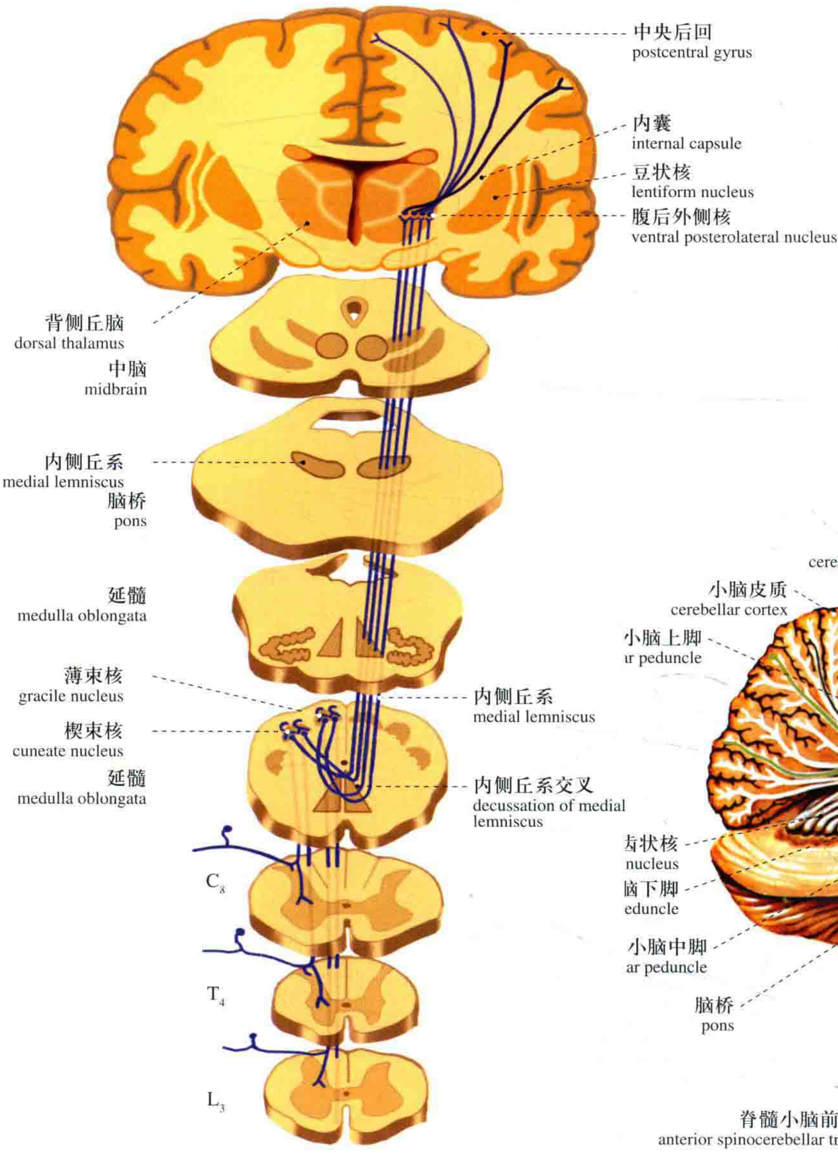


图 554　躯干和四肢意识性本体感觉传导通路

Pathway of the conscious proprioceptive sensibility of the trunk and limbs

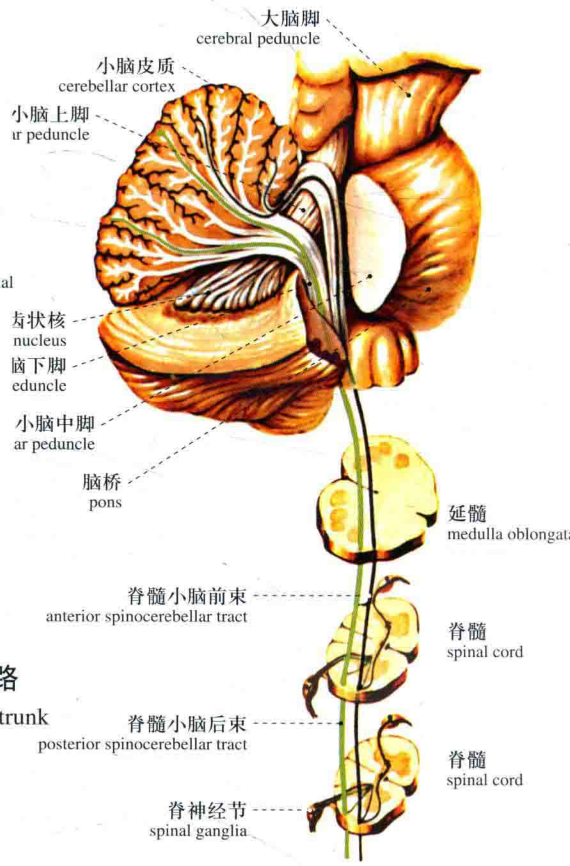


图 555　躯干和四肢非意识性本体感觉传导通路

Pathway of the unconscious proprioceptive sensibility of the trunk and limbs

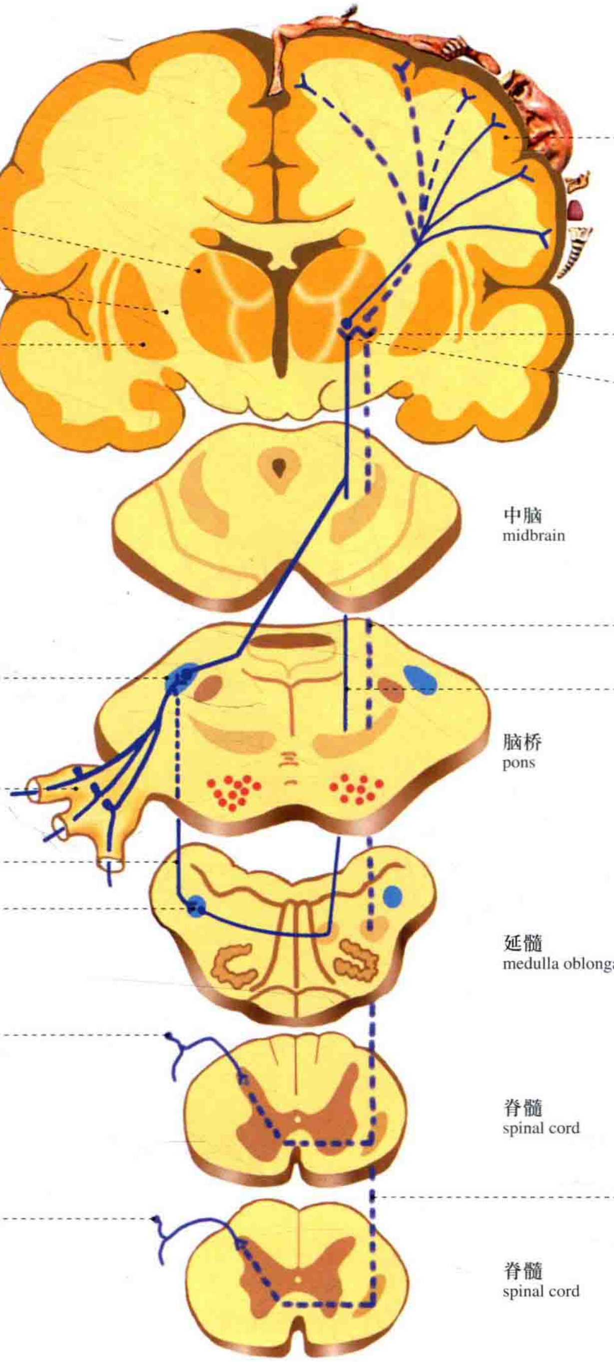


图 556　**浅部感觉传导通路**

Pathways of the superficial sensory

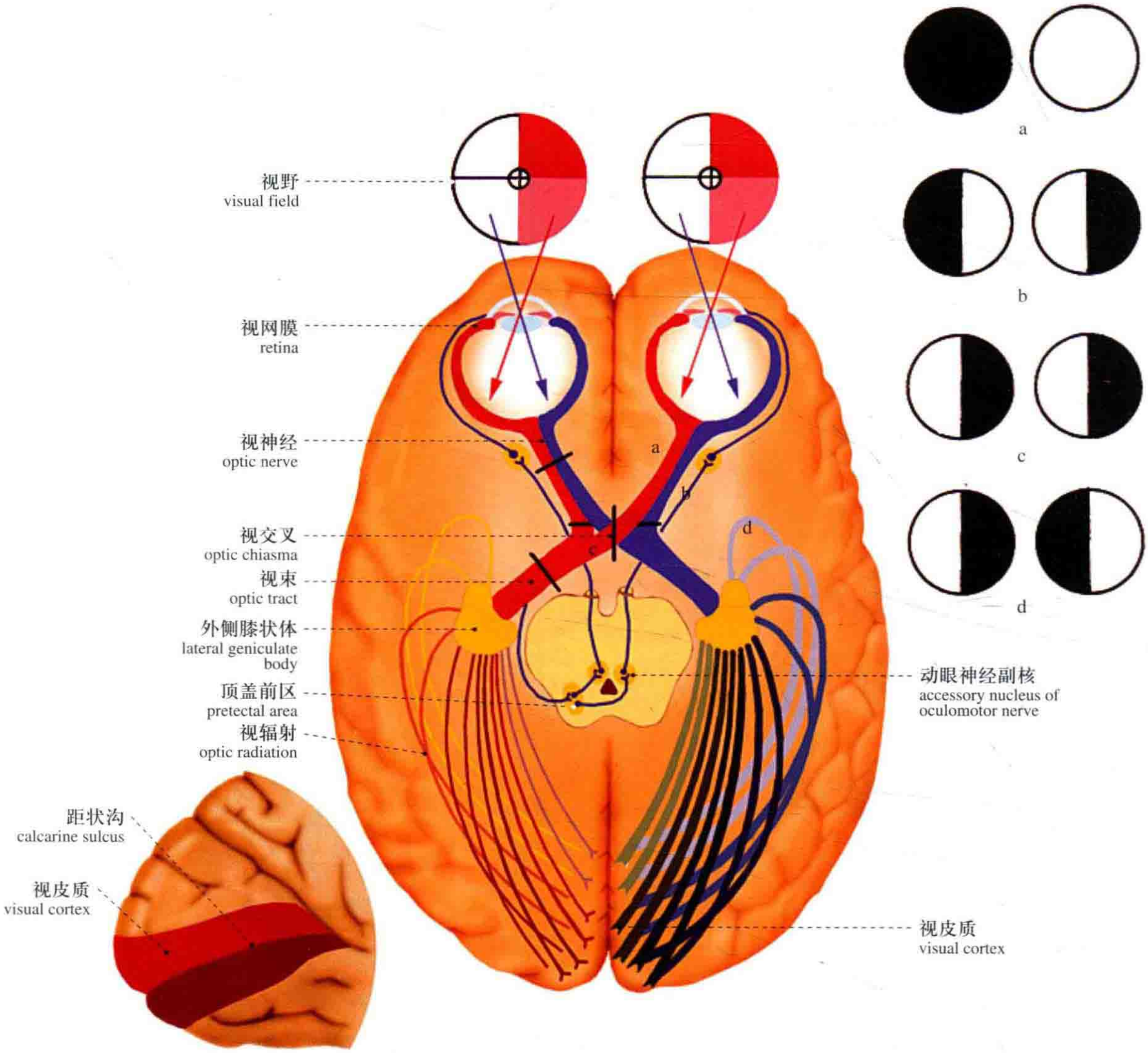


图 557 视觉传导通路和瞳孔对光反射通路

Visual pathway and pupil reflex pathway

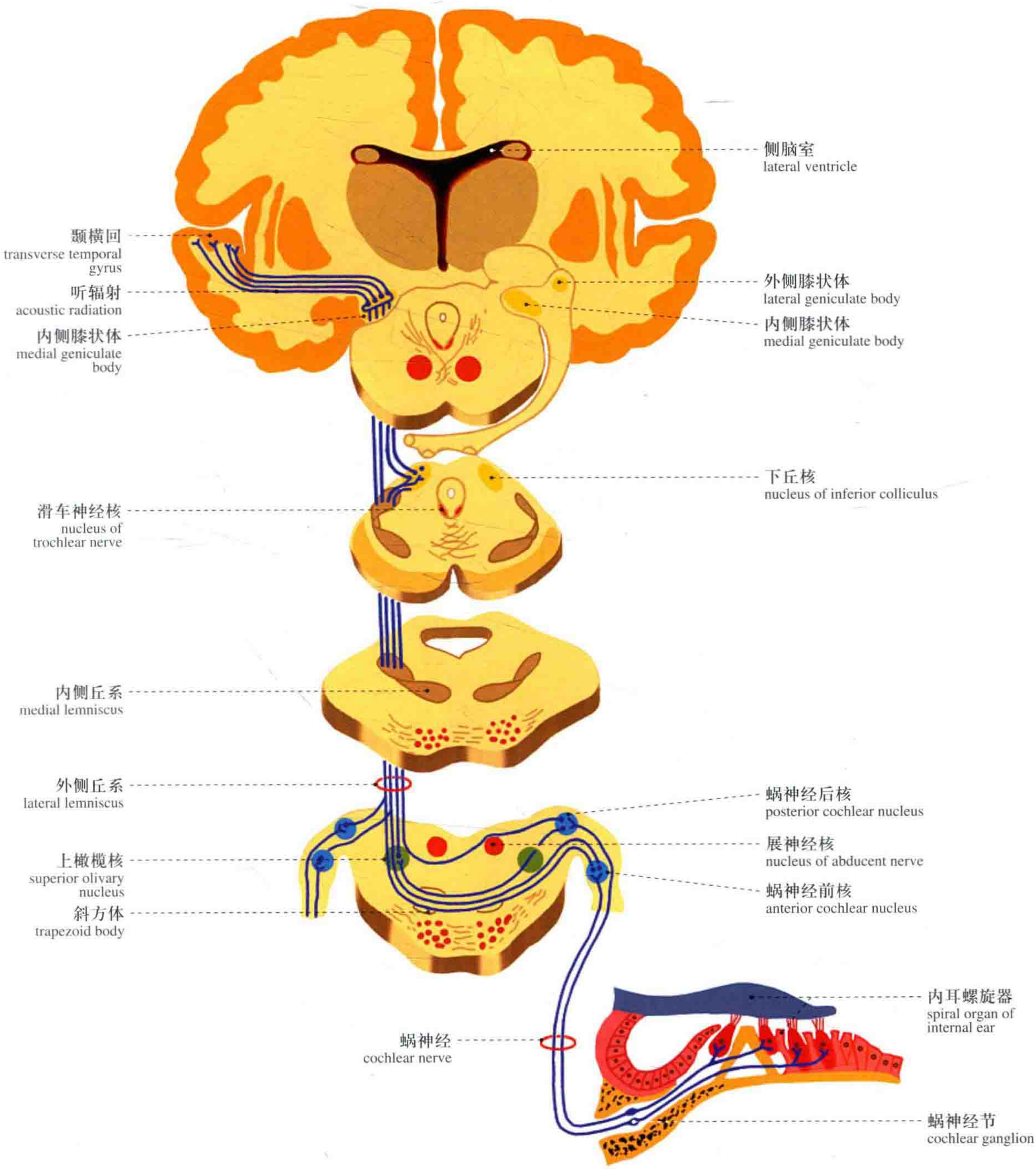


图 558　**听觉传导通路**

Auditory pathway

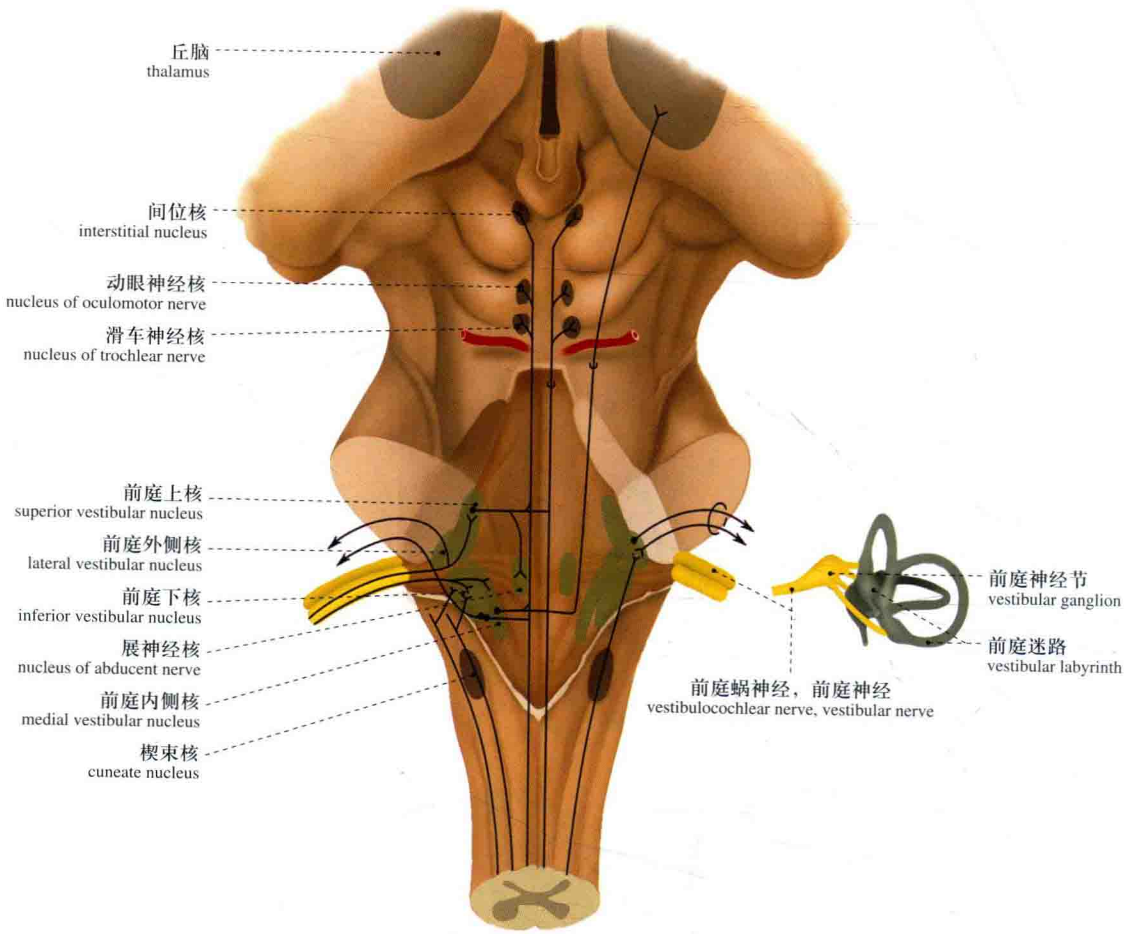


图 559　**平衡觉传导通路**

Pathway of equilibrium sense

第二节

运动传导通路

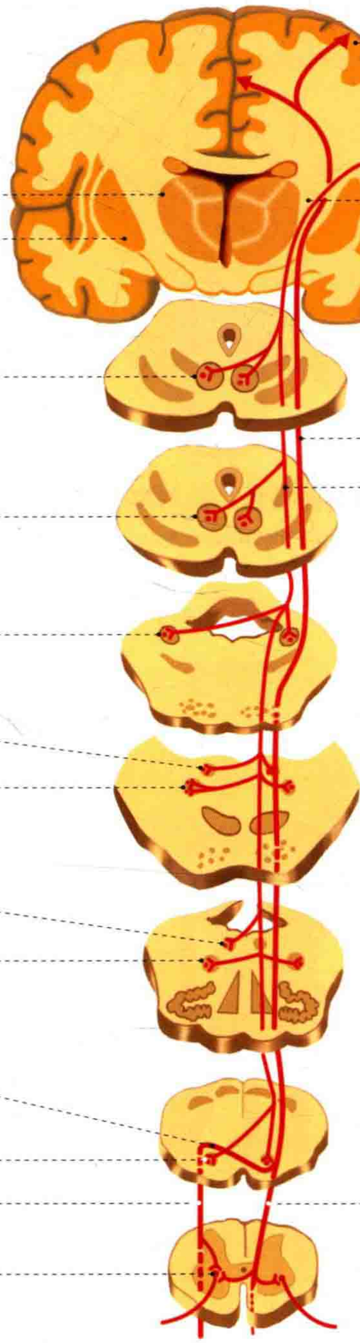


图 560 锥体系中的皮质脊髓束与皮质核束

Corticospinal tracts and corticonuclear tracts in the pyramidal system

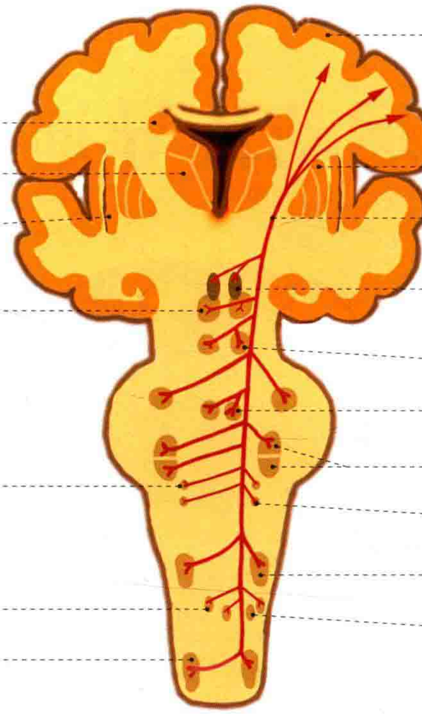


图 561　脑神经运动核与皮质核束

Motor nuclei of the cranial nerve and the corticonuclear tracts

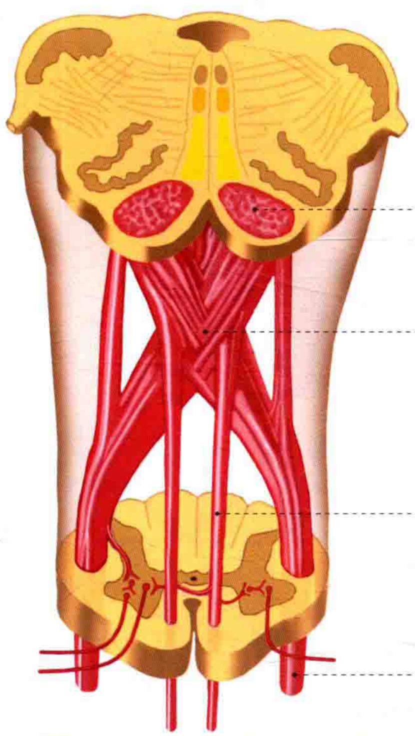


图 562　锥体交叉（模式图）

Pyramidal decussation (diagram)

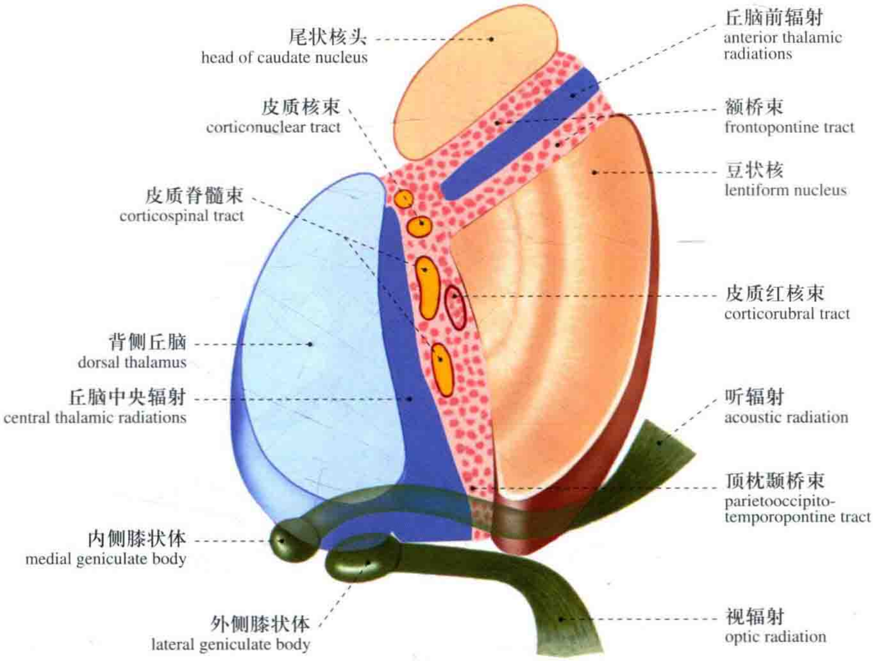


图 563　内囊（模式图）
Internal capsule (diagram)

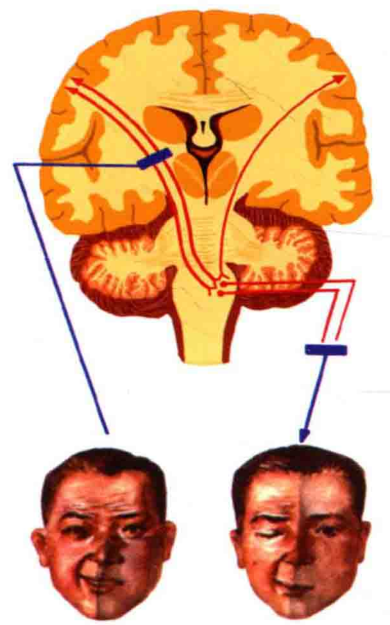


图 564　面神经瘫
Paralysis of the facial nerve

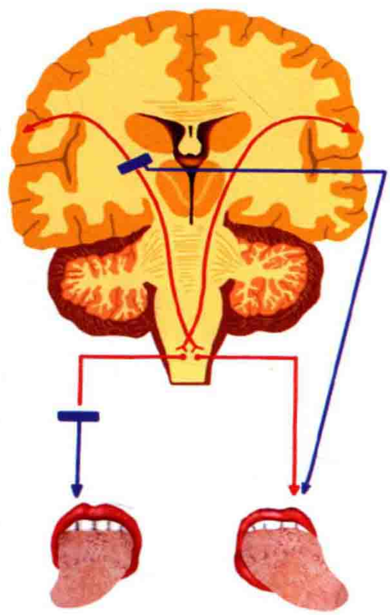


图 565　舌下神经瘫
Paralysis of the hypoglossal nerve

第一节

脑和脊髓的被膜

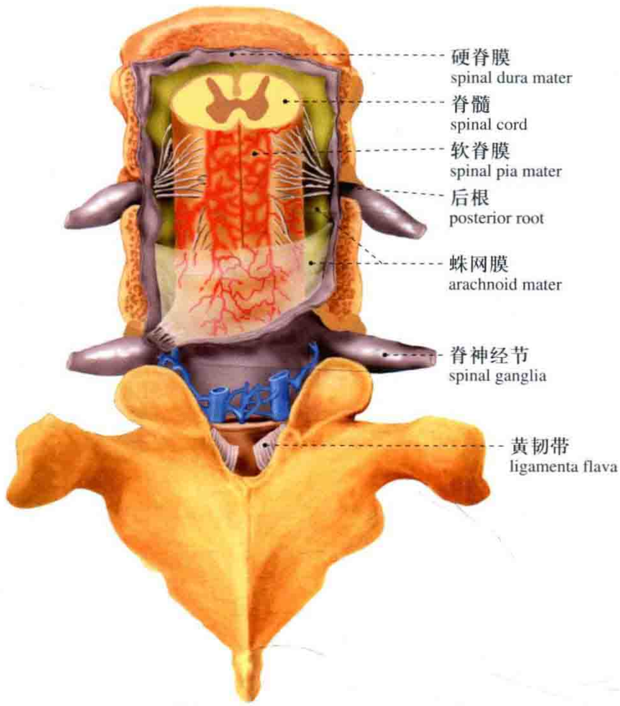


图 566 脊髓的被膜

Meninges of the spinal cord

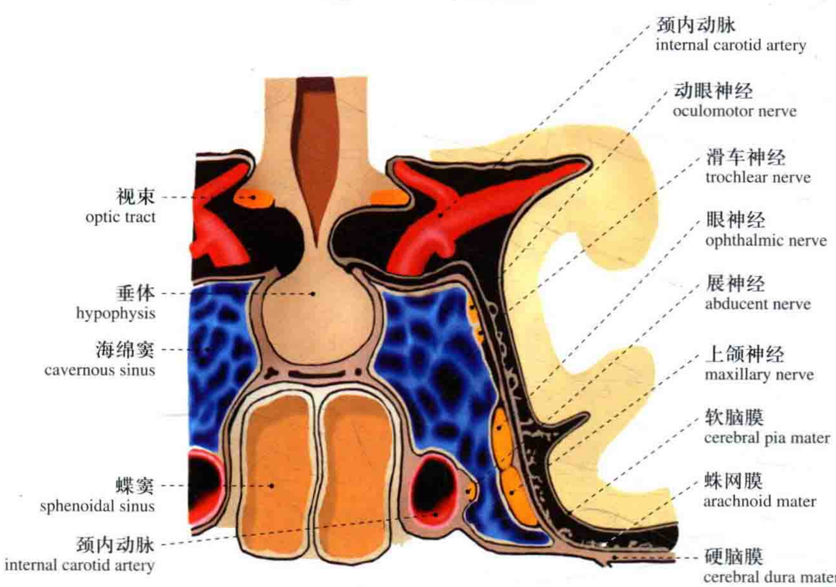


图 567 海绵窦

Cavernous sinus

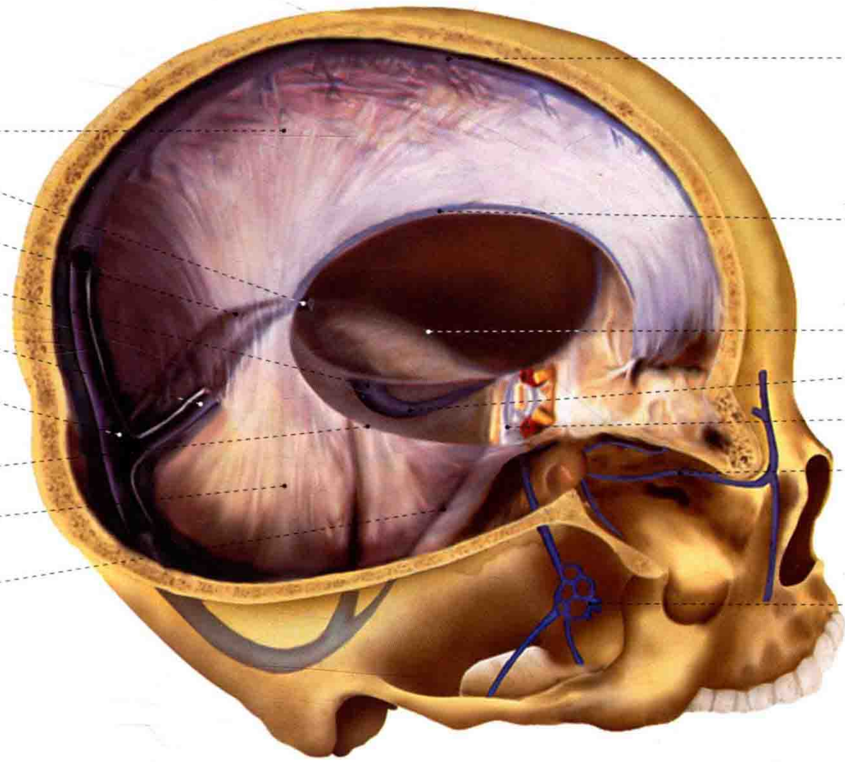


图 568 硬脑膜及硬脑膜静脉窦

Cerebral dura mater and the venous sinuses of the dura mater

第二节

脑血管

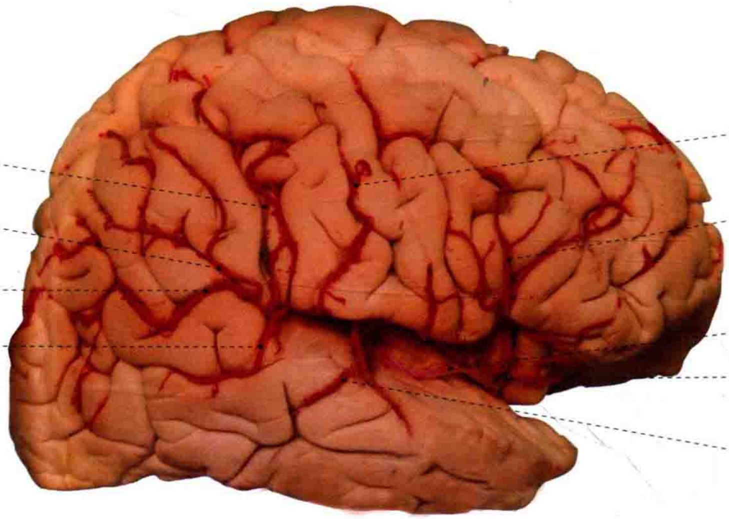


图 569 大脑半球的动脉（外侧面观）
Arteries of the cerebral hemisphere (lateral aspect)

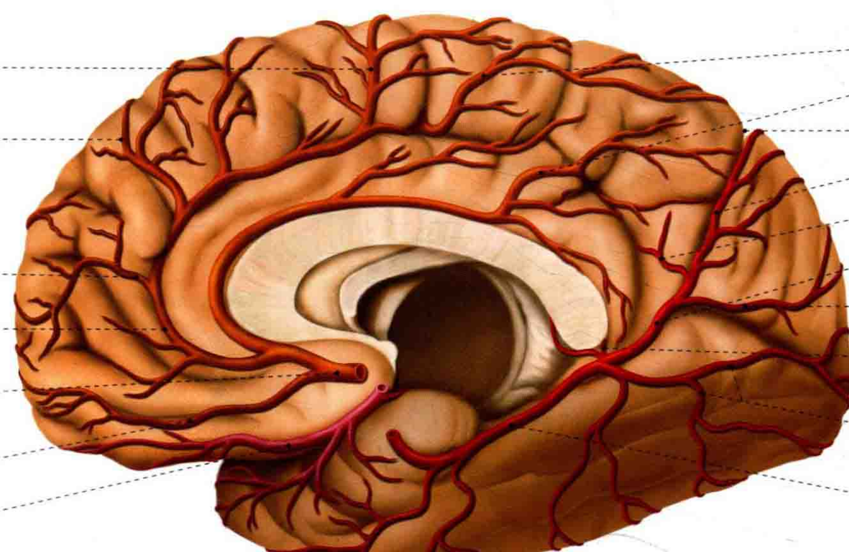


图 570 大脑动脉（正中矢状断面观）
Arteries of the cerebrum (midsagittal section aspect)

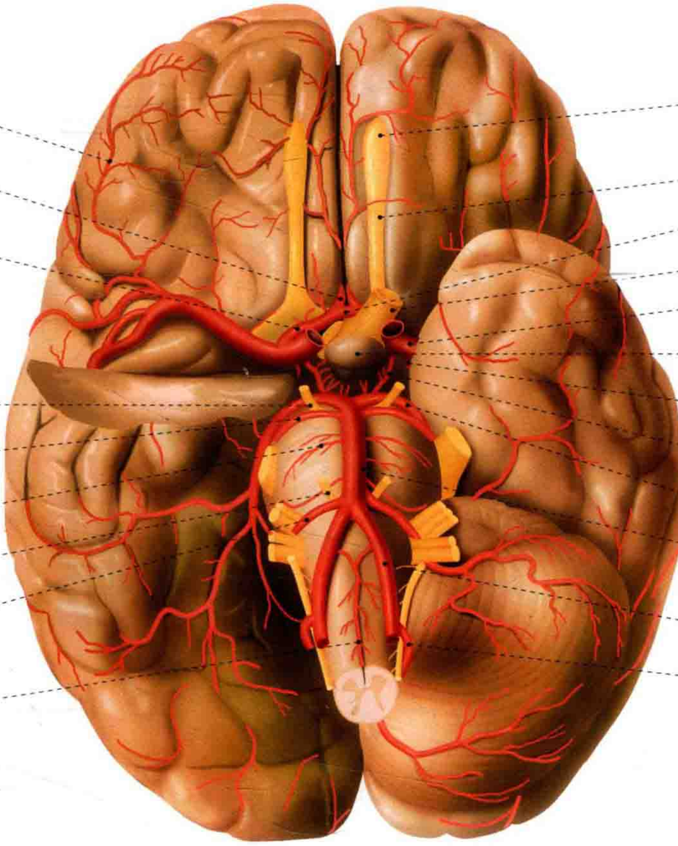


图 571　**脑的动脉（下面观）**

Cerebral arteries (inferior aspect)

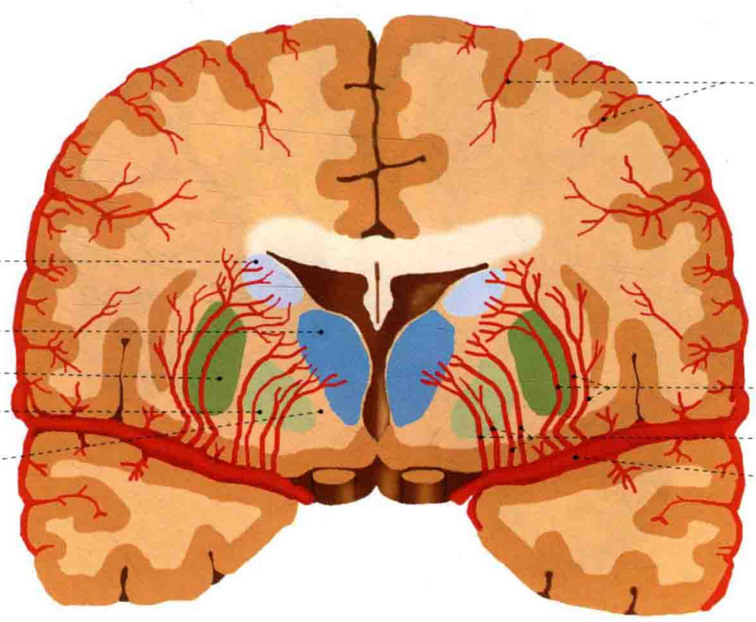


图 572　**大脑动脉的皮质支和中央支**

Cortical and the central branches of the cerebral arteries

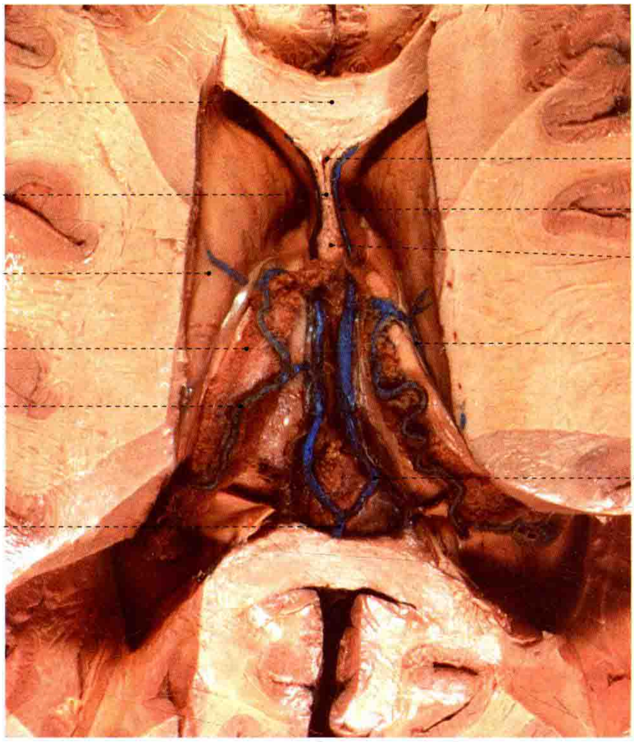


图 573 **大脑大静脉及其属支**

Great cerebral vein and its tributaries



图 574 **大脑外侧面的静脉**

Veins of the lateral surface of the cerebrum

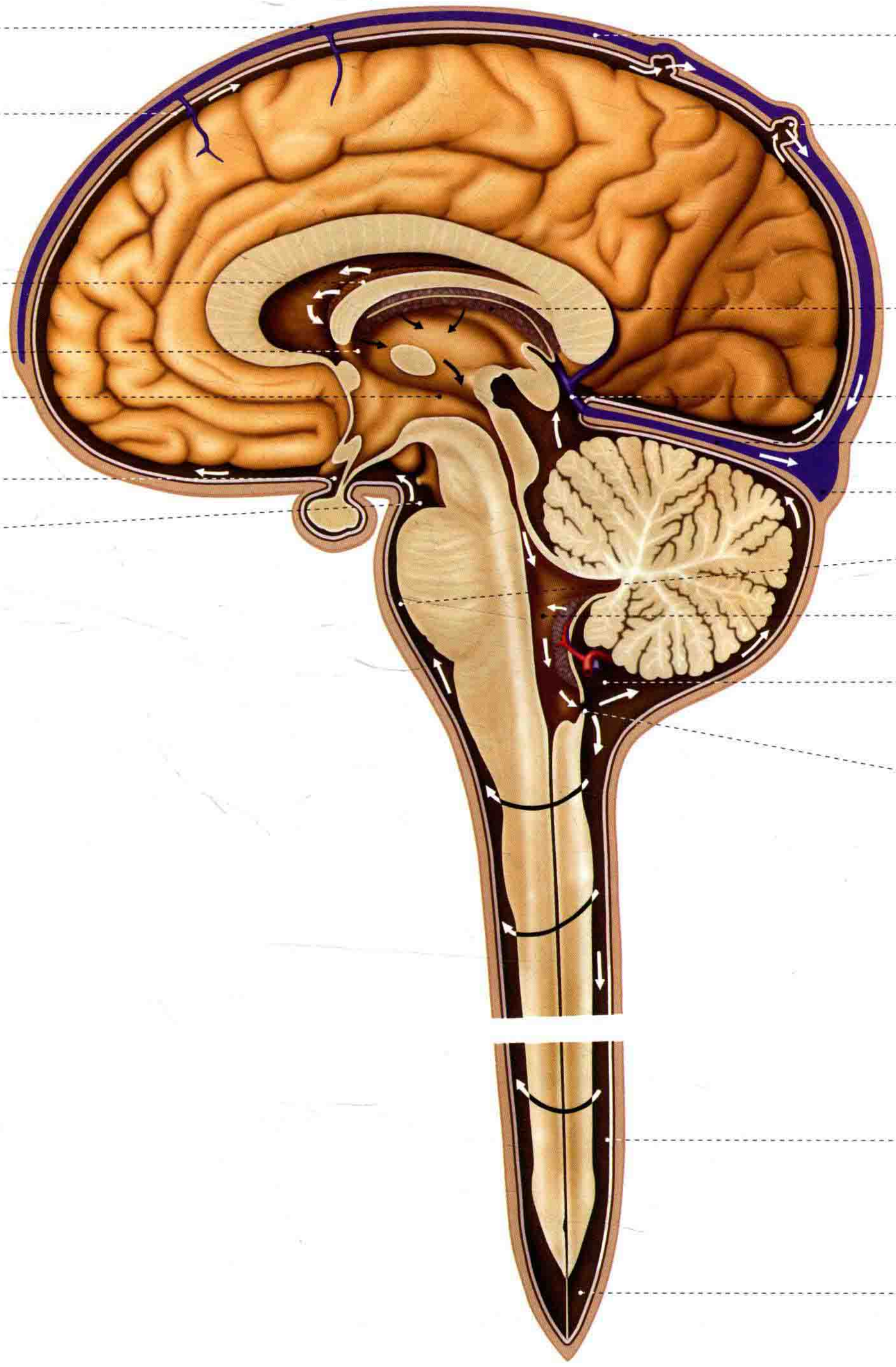


图 575 **脑脊液循环**
Circulation of the cerebrospinal fluid

第一节

内分泌系统模式图

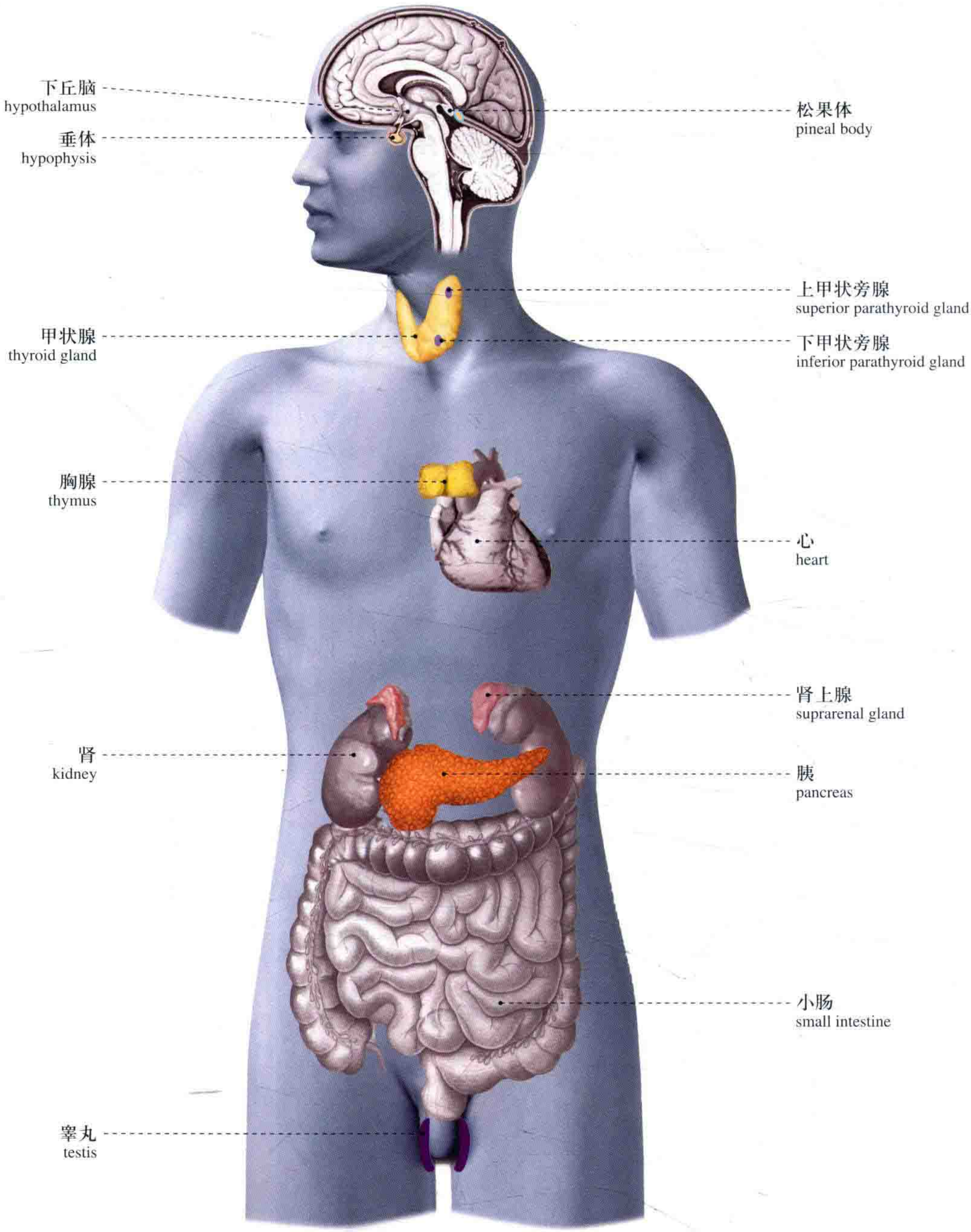


图 576 男性内分泌器官
Male endocrine organs

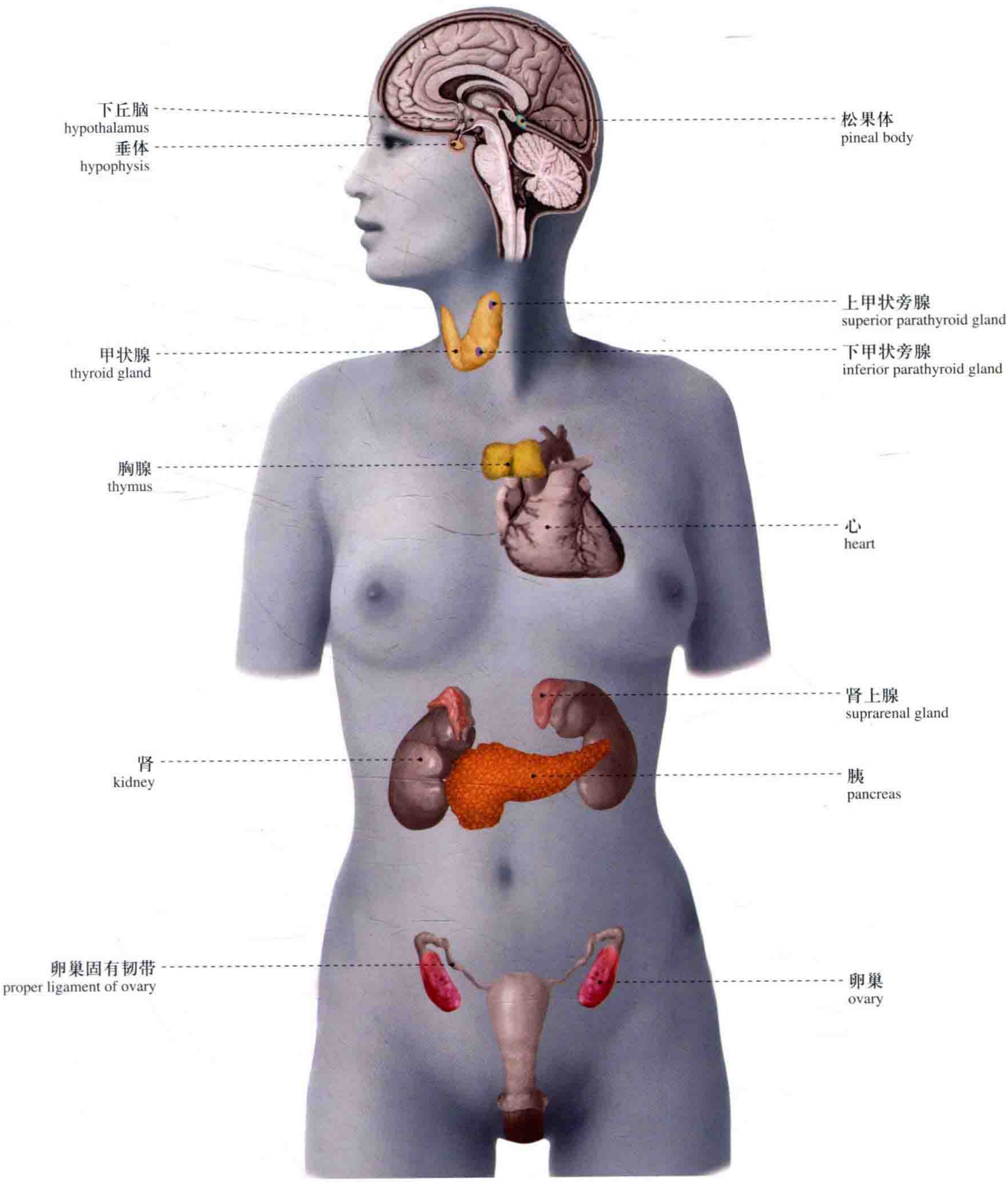


图 577 **女性内分泌器官**
Female endocrine organs

第二节

内分泌器官

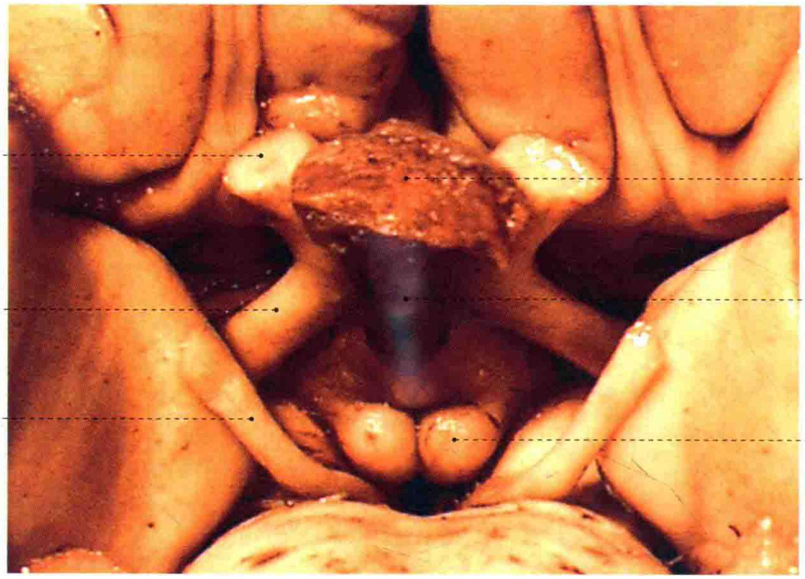


图 578 垂体
Hypophysis

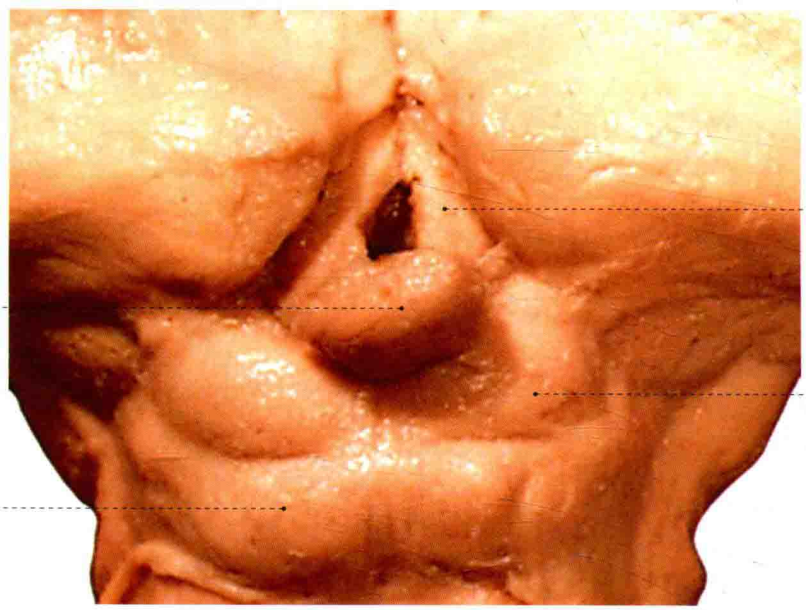


图 579 松果体
Pineal body

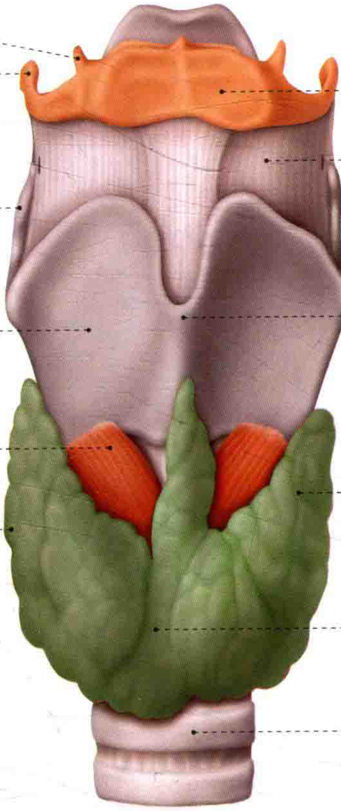


图 580 **甲状腺（前面观）**

Thyroid gland (anterior aspect)

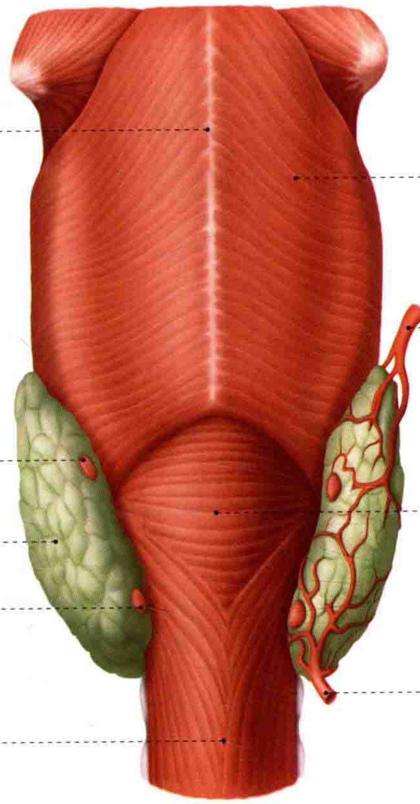


图 581 **甲状腺（后面观）**

Thyroid gland (posterior aspect)

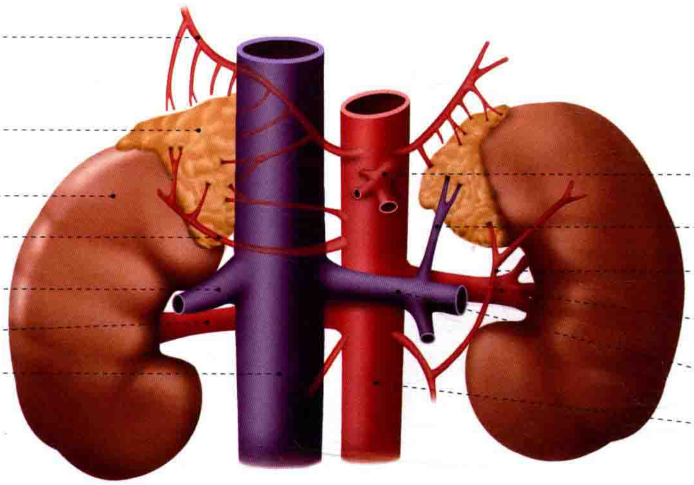


图 582 肾上腺
Adrenal gland

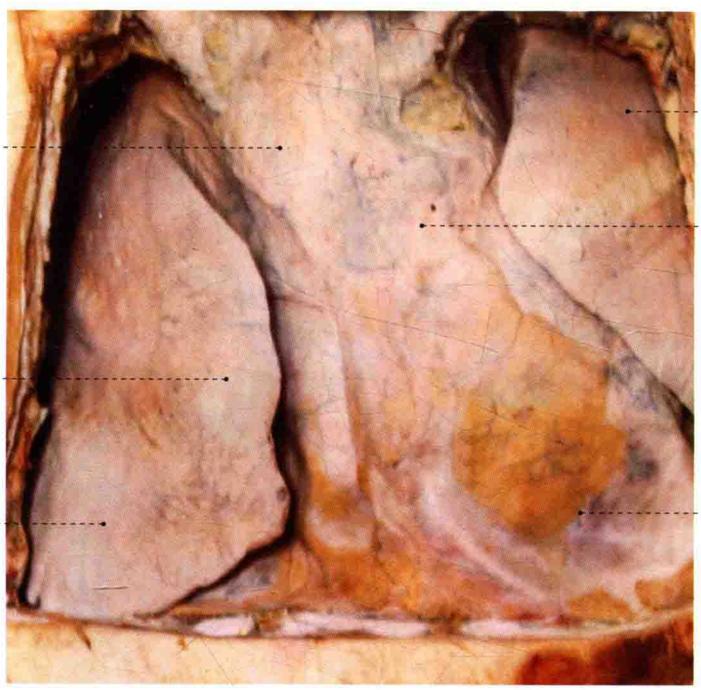


图 583 胸腺
Thymus

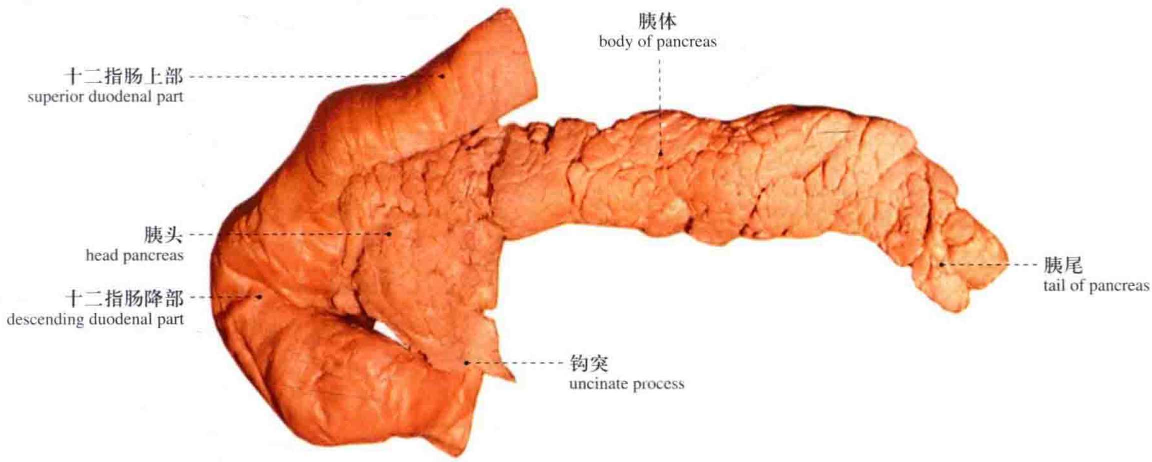


图 584 胰腺
Pancreas

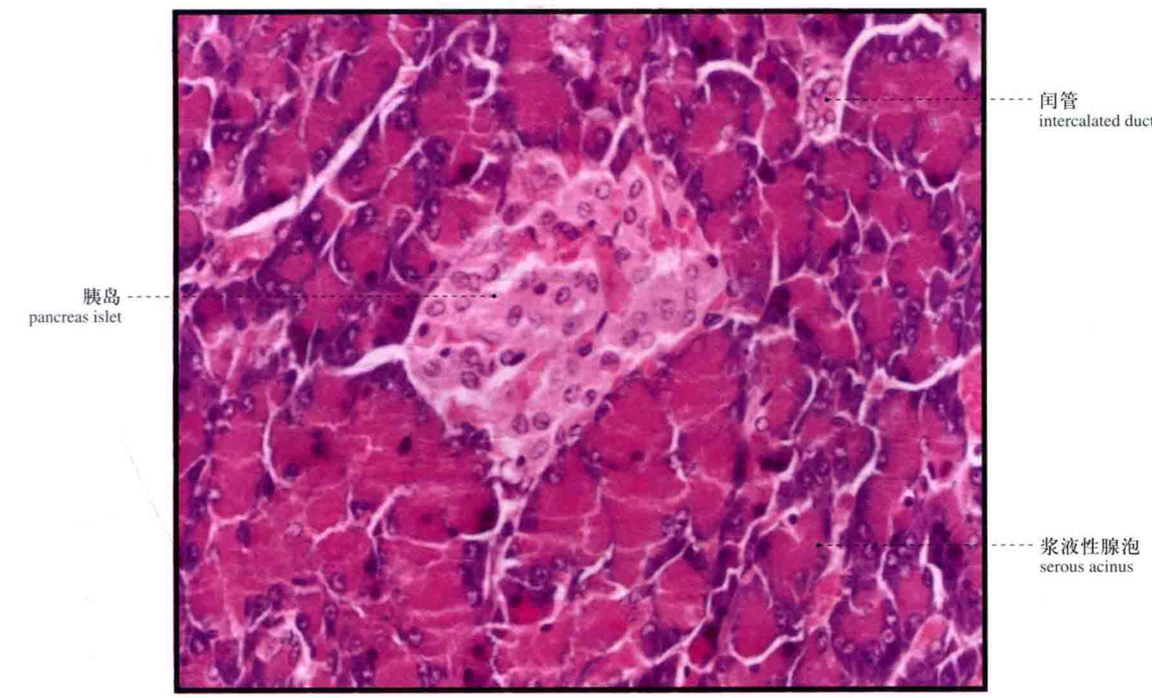


图 585 胰岛（人胰腺，×400）
Pancreas islet (human pancreas, ×400)

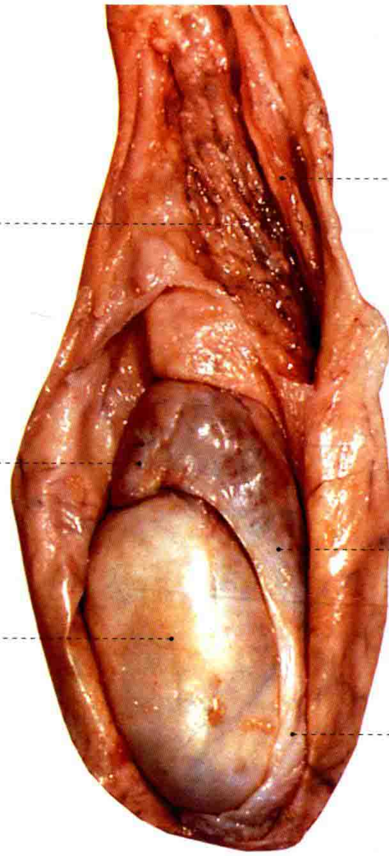


图 586 睾丸
Testis

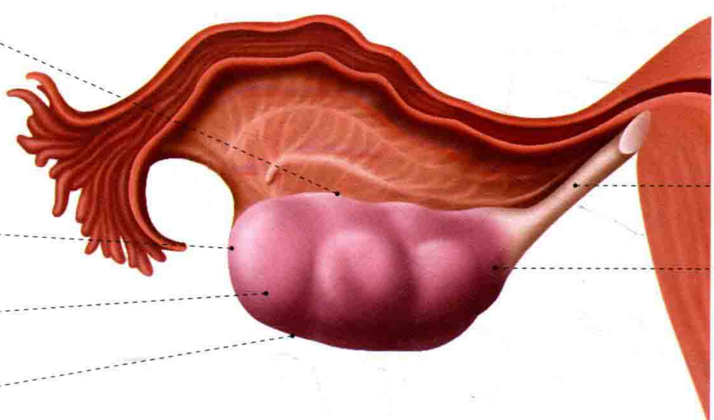


图 587 卵巢
Ovary

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